

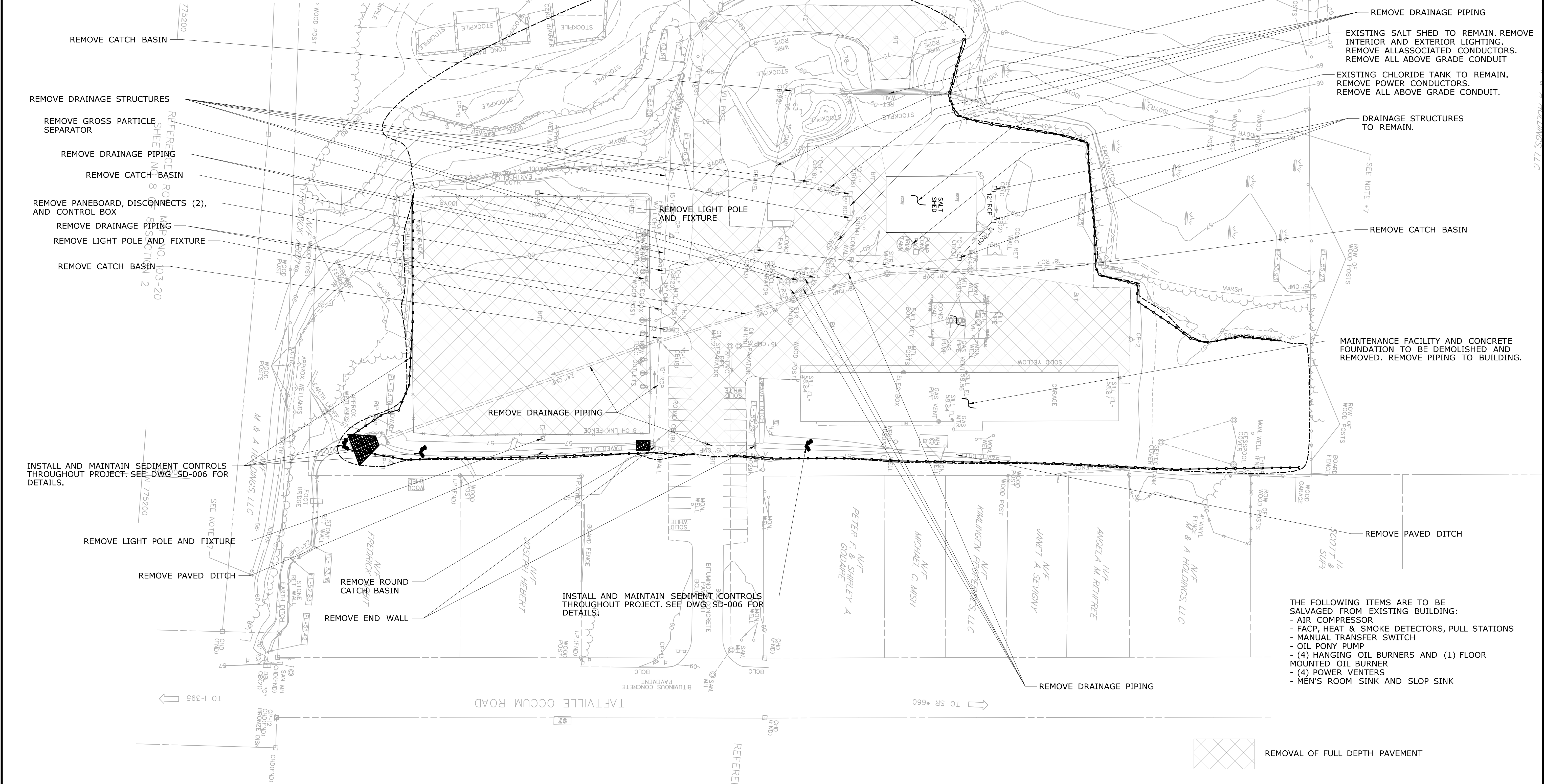
04 - CIVIL  
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
C-001	INDEX OF DRAWINGS		
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THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

TRANSPORTATION PRINCIPAL ENGINEER

- NOTES
1. REMOVAL OF EXISTING PAVEMENT TO BE PAID TO BE PAID UNDER THE MLSI (EARTH EXCAVATION).
  2. INSTALL ANTI-TRACKING PAD AT POINT WHERE TRUCKS PASS FROM BITUMINOUS PAVEMENT TO DISTURBED SOIL.
  3. MAINTAIN SEDIMENTATION CONTROLS DURING ALL CONSTRUCTION ACTIVITIES (SEE DWG # SD-006)
  4. REMOVE EXISTING BLOCK HEATER RECEPTACLES. REMOVE ALL CONDUCTORS. CONDUIT SHALL BE CUT TO GRADE AND ABANDONED.
  5. CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455 AT LEAST TWO FULL BUSINESS DAYS BEFORE EXCAVATION.
  6. REMOVE FLAGPOLE AND LIGHT.
  7. EXISTING PIPING TO BE REMOVED TO BE PAID UNDER THE MLSI (TRENCH EXCAVATION).
  8. EXISTING DRAINAGE STRUCTURES TO BE REMOVED TO BE PAID UNDER THE MLSI (ROCK IN TRENCH EXCAVATION).



- THE FOLLOWING ITEMS ARE TO BE SALVAGED FROM EXISTING BUILDING:
- AIR COMPRESSOR
  - FACP, HEAT & SMOKE DETECTORS, PULL STATIONS
  - MANUAL TRANSFER SWITCH
  - OIL PONY PUMP
  - (4) HANGING OIL BURNERS AND (1) FLOOR MOUNTED OIL BURNER
  - (4) POWER VENTERS
  - MEN'S ROOM SINK AND SLOP SINK

				DESIGNER/DRAFTER: ME		 <b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b>	SIGNATURE/ BLOCK: <b>OFFICE OF ENGINEERING</b>  APPROVED BY: 	PROJECT TITLE:  <b>OCCUM MAINTENANCE FACILITY</b>	TOWN:  <b>OCCUM</b>	DRAWING TITLE:  <b>DEMOLITION</b>	PROJECT NO. <b>103-247</b>
				CHECKED BY: SK							DRAWING NO. <b>C-002</b>
				SCALE IN FEET  SCALE 1"=40'							SHEET NO. <b>04.02</b>
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 8/12/2015		Filename: ...FD_MSH_CIV_0103_0247_C002.dgn					



NOTES:

1. SEED ALL UNPAVED DISTURBED AREAS WITHIN 7 DAYS OF FINAL GRADING AS DIRECTED BY THE ENGINEER.
2. FOR BITUMINOUS LOT GEOMETRY AND RADII SEE DWG NO. C-007.
3. ALL FINAL SEEDING IS SUBJECT TO THE DIRECTION OF THE ENGINEER, BASED ON SOIL, SLOPE AND SEASONAL CONDITIONS.
4. SIZE AND LOCATION OF BURIED PIPES AND UTILITIES SHOULD BE VERIFIED IN FIELD.
5. CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" (1-800-922-4455) FOR UNDERGROUND UTILITY INFORMATION A MINIMUM OF 72 HOURS PRIOR TO START OF CONSTRUCTION.

1525 LF 6' CHAINLINK FENCE

LIMITS OF CONSTRUCTION

CONCRETE BARRIER WALL  
SEE DWGS S-021 & S-022  
FOR DETAILS

CONCRETE PAD (GENERATOR: 4.6' x 14.2').  
SEE DWGS C-009 AND E-111 FOR DETAILS

BOLLARD (TYP.).  
SEE DWG C-008 & E-111  
FOR DETAILS.

MAINTENANCE FACILITY

CONCRETE WHEEL STOP (TYP.). SEE  
DWG C-008 FOR DETAIL.

PAVEMENT MARKINGS- SEE DWG  
C-010 FOR DETAILS

100 YR FLOOD PLAIN (ELEV. 61)

LIMITS OF CONSTRUCTION (TYP.)

BOLLARD (TYP.).  
SEE DWG C-008 & A-100  
FOR DETAILS.

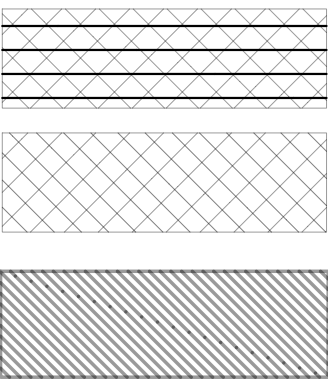
SANITARY MANHOLE (TYP.). SEE DWG  
C-005 FOR LAYOUT AND DETAILS.  
SEE DWG HIGHWAY STND DWGS  
FOR DETAILS.

OIL WATER SEPARATOR.  
SEE DWG P-011 FOR DETAILS.

FLAG POLE WITH LIGHT

SEDIMENTATION AND EROSION  
CONTROLS. SEE DWG SD-006  
FOR DETAILS.

LEGEND:



BITUMINOUS CONCRETE PAVEMENT  
WITH FABRIC.  
SEE DWG C-008 FOR DETAIL.

BITUMINOUS CONCRETE PAVEMENT.  
SEE DWG C-008 FOR DETAIL.

ESTABLISH TURF ON 4" TOPSOIL.

24' CHAINLINK DOUBLE  
GATE 6' HIGH. SEE CT  
STNRD SHEETS.

F.F. - 62.2

INSTALL KNOX BOX ON GATE.  
SEE DWG C-012 FOR DETAIL.

34' CHAINLINK DOUBLE  
GATE 6' HIGH. SEE CT  
STNRD SHEETS.

65 LF OF SAWCUT AND MATCH  
EXISTING PAVEMENT

WATERLINE. SEE DWG  
C-005 FOR DETAILS.

GAS LINE BY NORWICH  
PUBLIC UTILITY

BOLLARD (TYP.) SEE DWG C-008  
& CT-001 FOR DETAILS.

68' X 16' CONCRETE PAD  
PAD ELEV. AT 62.5  
SEE DWG CT-001.

MOTOR FUEL ABOVEGROUND  
STORAGE TANK AND CONCRETE  
SLABS, SEE DWGS CT-001 TO CT-003  
FOR DETAILS

BITUMINOUS CONCRETE  
SEE DWG C-008 FOR DETAIL.

MAINTAIN MIN. 5' SEPARATION BETWEEN  
WETLAND AND ALL CONSTRUCTION  
ACTIVITIES

EXISTING SALT SHED TO BE  
RENOVATED. SEE DWGS S-023  
& S-024 FOR DETAILS

295 LF OF SAWCUT AND MATCH  
EXISTING PAVEMENT

BITUMINOUS CONCRETE PAVEMENT  
SEE DWG C-008 FOR DETAIL

LIMITS OF CONSTRUCTION

FLOODPLAIN STORAGE

24' CHAINLINK DOUBLE  
GATE 6' HIGH

S.c (TYP.)

As (TYP.)

Cl.a (TYP.)

C.a (TYP.)

ESTABLISH TURF ON 4" TOPSOIL (TYP.)

P.s (TYP.)

QUANTITY SYMBOL SPECIES & SIZE

3	⊕	ACER SACCHARIMUN- SILVER MAPLE (As) 1 1/2"- 2" CAL. BB
13	⊕	CLETHRA ALNIFOLIA- SUMMERSWEET (Cl.a) 2'- 3' HT. BB
15	●	SAMBUCUS CANADENSIS- AMERICAN ELDER (S.c) 3'- 4' HT. BB
20	○	CORNUS AMOMUM- SILKY DOGWOOD (C.a) 2'- 3' HT. BB
3	✱	PINUS STROBUS- WHITE PINE (P.s) 5'- 6' Ht. BB

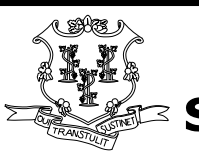
264 LF OF 10' HIGH PRECAST CONCRETE BLOCKS.  
(2'x2'x6')

BIN DIMENSION: 15' X 24' X 6'  
PRECAST CONCRETE BLOCKS (2'x2'x6') (TYP.)

CONCRETE PAD (DUMPSTER PAD: 28' X 22').  
SEE DWG C-009 FOR DETAILS.

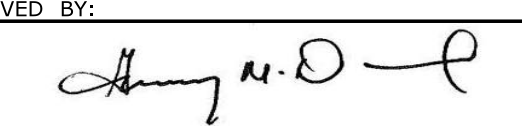
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 8/12/2015

DESIGNER/DRAFTER: <b>ME</b>	CHECKED BY: <b>SK</b>
SCALE IN FEET 0 40 80 SCALE 1"=40'	

 **STATE OF CONNECTICUT**  
**DEPARTMENT OF TRANSPORTATION**

Filename: ...FD\_MSH\_CIV\_0103\_0247\_C003.dgn

SIGNATURE/  
BLOCK:  
**OFFICE OF ENGINEERING**

APPROVED BY:  


PROJECT TITLE:  
**OCCUM  
MAINTENANCE  
FACILITY**

TOWN:  
**OCCUM**

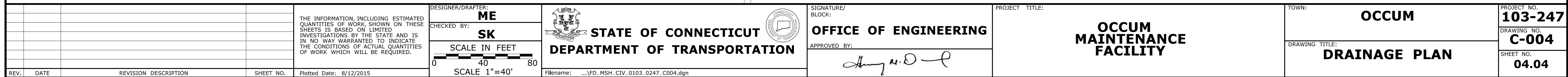
DRAWING TITLE:  
**SITE PLAN**

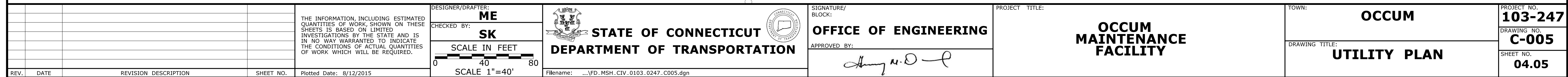
PROJECT NO.  
**103-247**

DRAWING NO.  
**C-003**

SHEET NO.  
**04.03**



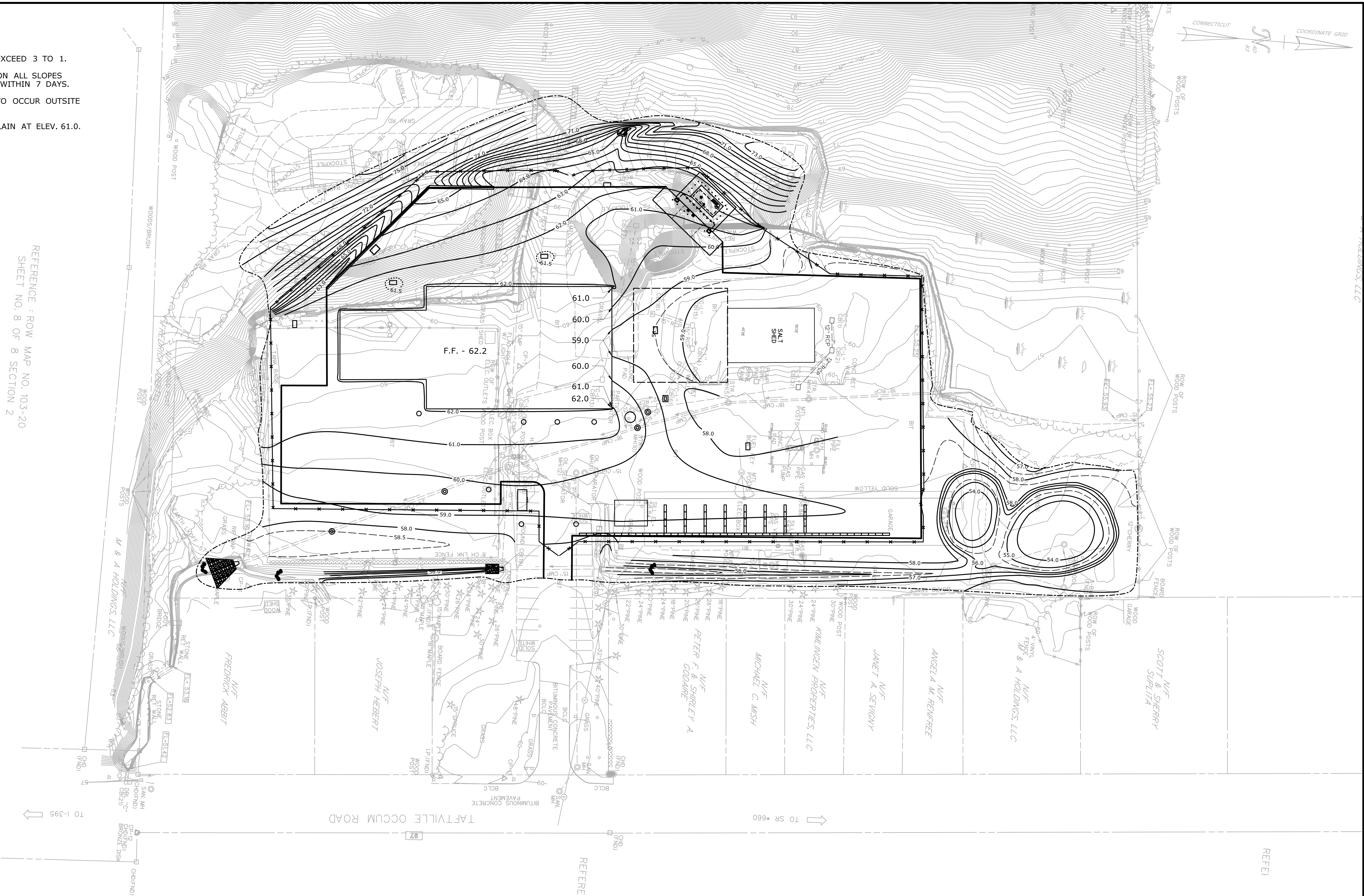







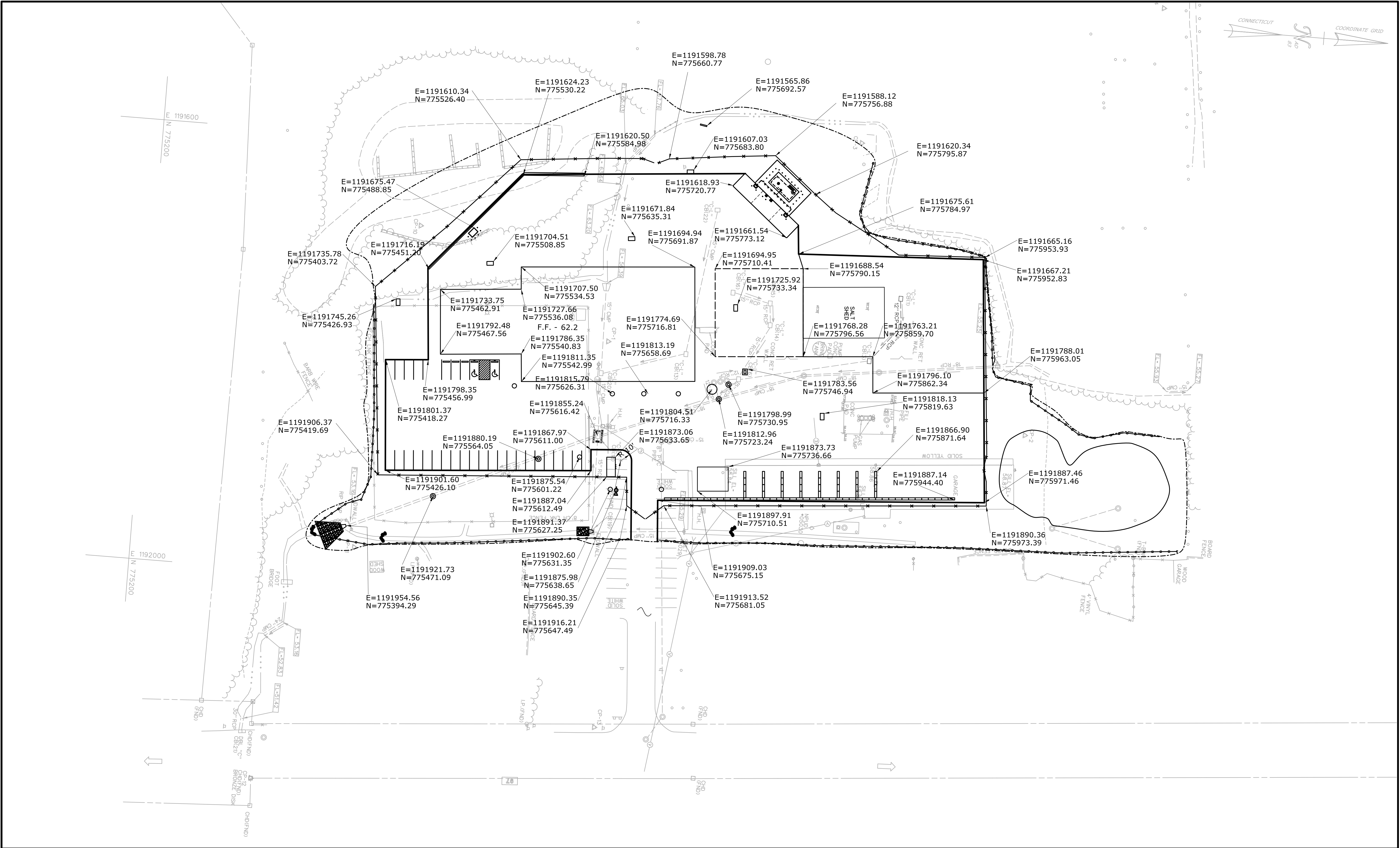



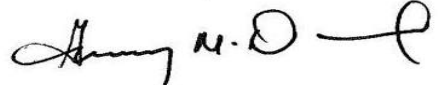
1. SLOPES NOT TO EXCEED 3 TO 1.
2. ESTABLISH TURF ON ALL SLOPES EXCEEDING 4 TO 1 WITHIN 7 DAYS.
3. ALL EARTHWORK TO OCCUR OUTSIDE OF WETLAND LIMITS.
4. 100 YR FLOOD PLAIN AT ELEV. 61.0.

REFERENCE : ROW MAP NO. 103-20  
SHEET NO. 8 OF 8 SECTION 2

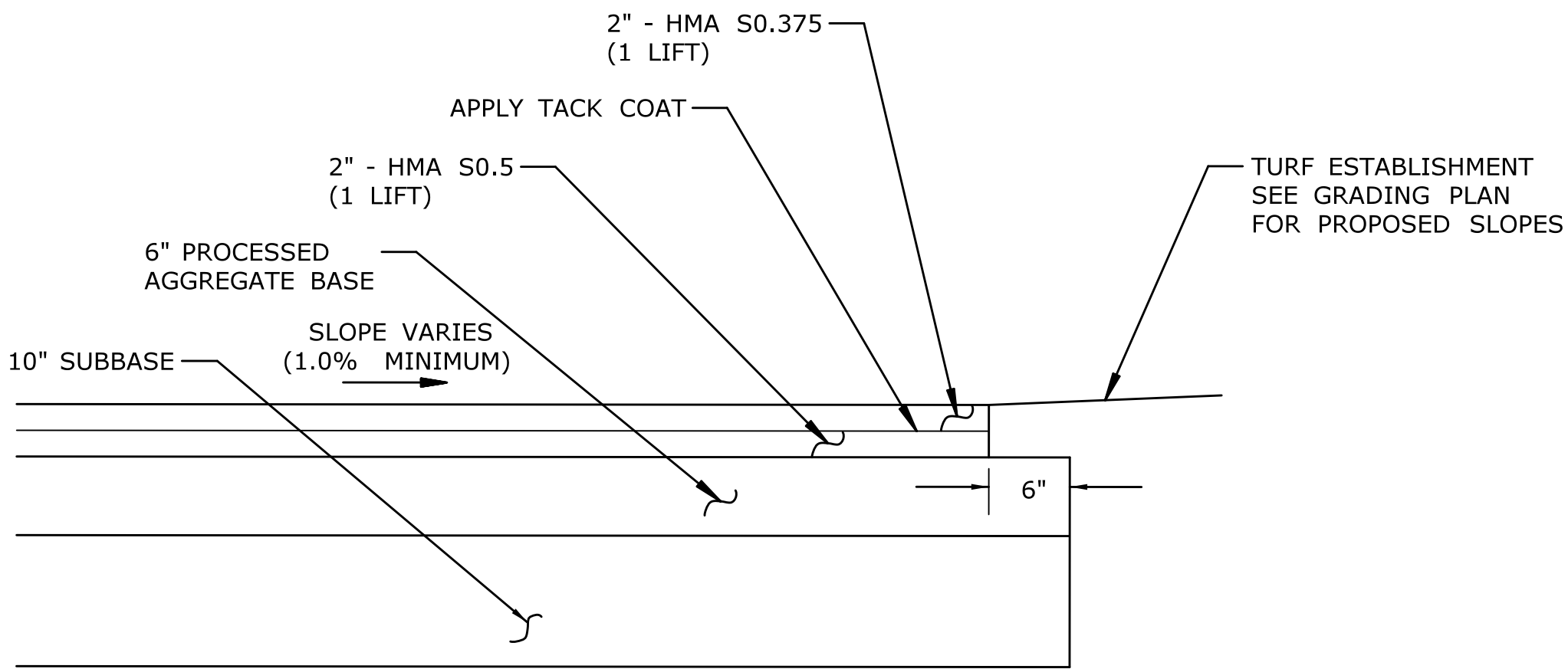


				THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: <b>ME</b> CHECKED BY: <b>SK</b> SCALE IN FEET  SCALE 1" = 40'		 <b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b> Filename: ...FD_MSH_CIV_0103_0247_C006.dgn		SIGNATURE/ BLOCK: <b>OFFICE OF ENGINEERING</b> APPROVED BY: 		PROJECT TITLE: <b>OCCUM</b> <b>MAINTENANCE FACILITY</b>		TOWN: <b>OCCUM</b> DRAWING TITLE: <b>GRADING PLAN</b>		PROJECT NO. <b>103-247</b> DRAWING NO. <b>C-006</b> SHEET NO. <b>04.06</b>	
REV.	DATE	REVISION	DESCRIPTION	SHEET NO.	Plotted Date: 8/12/2015												

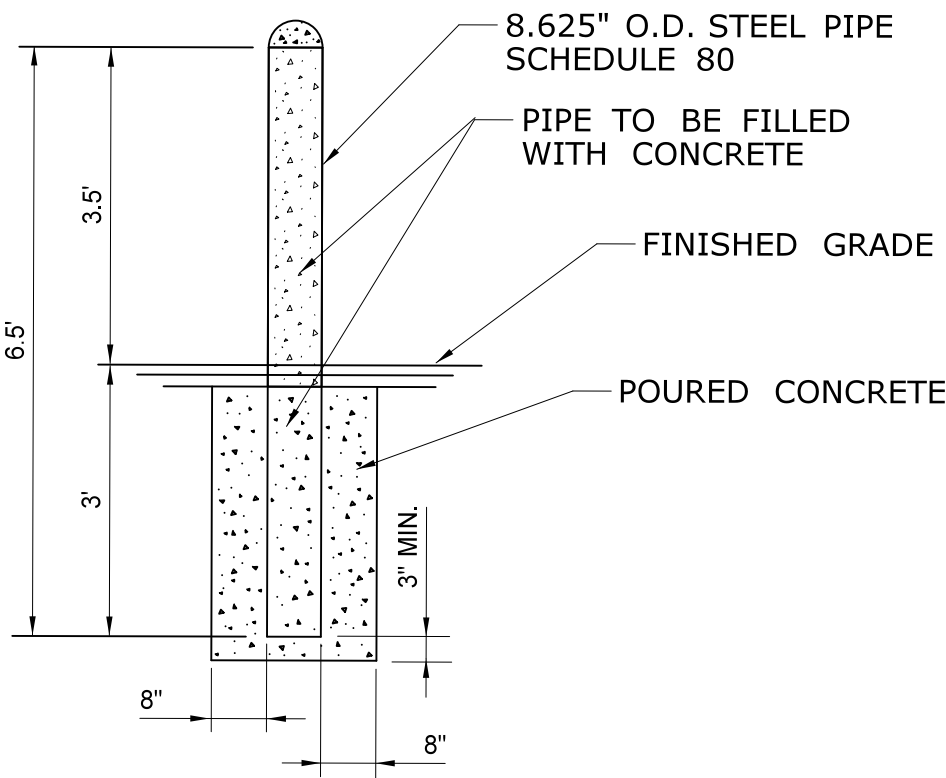


				THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: <b>ME</b> CHECKED BY: <b>SK</b> SCALE IN FEET <div><div></div><div>04080</div></div> SCALE 1"=40'	 <b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b> Filename: ...VFD_MSH_CIV_0103_0247_C007.dgn	SIGNATURE/ BLOCK: <b>OFFICE OF ENGINEERING</b> APPROVED BY: 	PROJECT TITLE:  <b>OCCUM MAINTENANCE FACILITY</b>	TOWN: <b>OCCUM</b>	PROJECT NO. <b>103-247</b>
REV. DATE REVISION DESCRIPTION SHEET NO. Plotted Date: 8/12/2015				DRAWING TITLE: <b>SITE GEOMETRY</b>		SHEET NO. <b>04.07</b>		DRAWING NO. <b>C-007</b>			



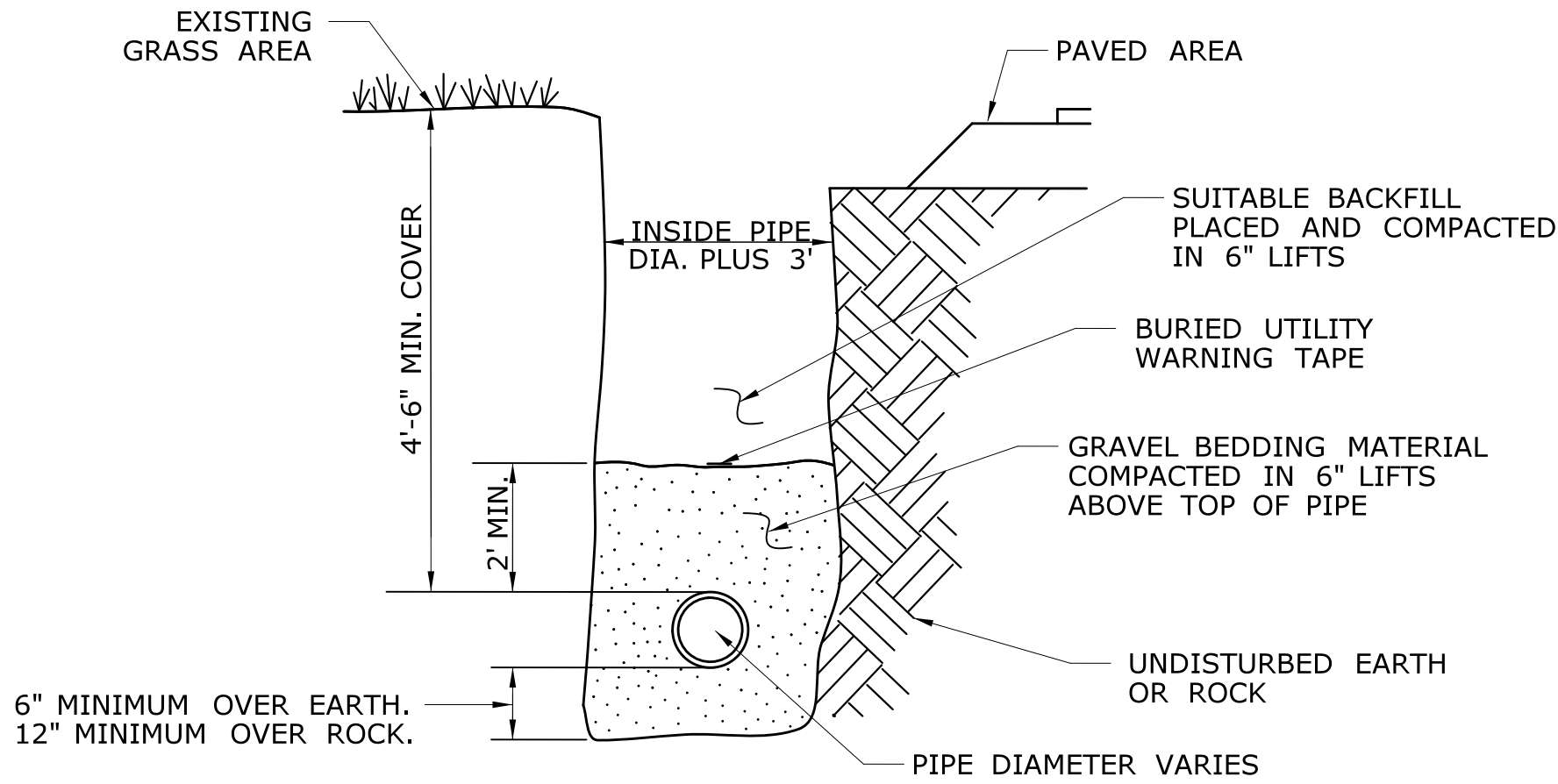


**BITUMINOUS CONCRETE PAVEMENT - WITHOUT MEMBRANE**  
NOT TO SCALE

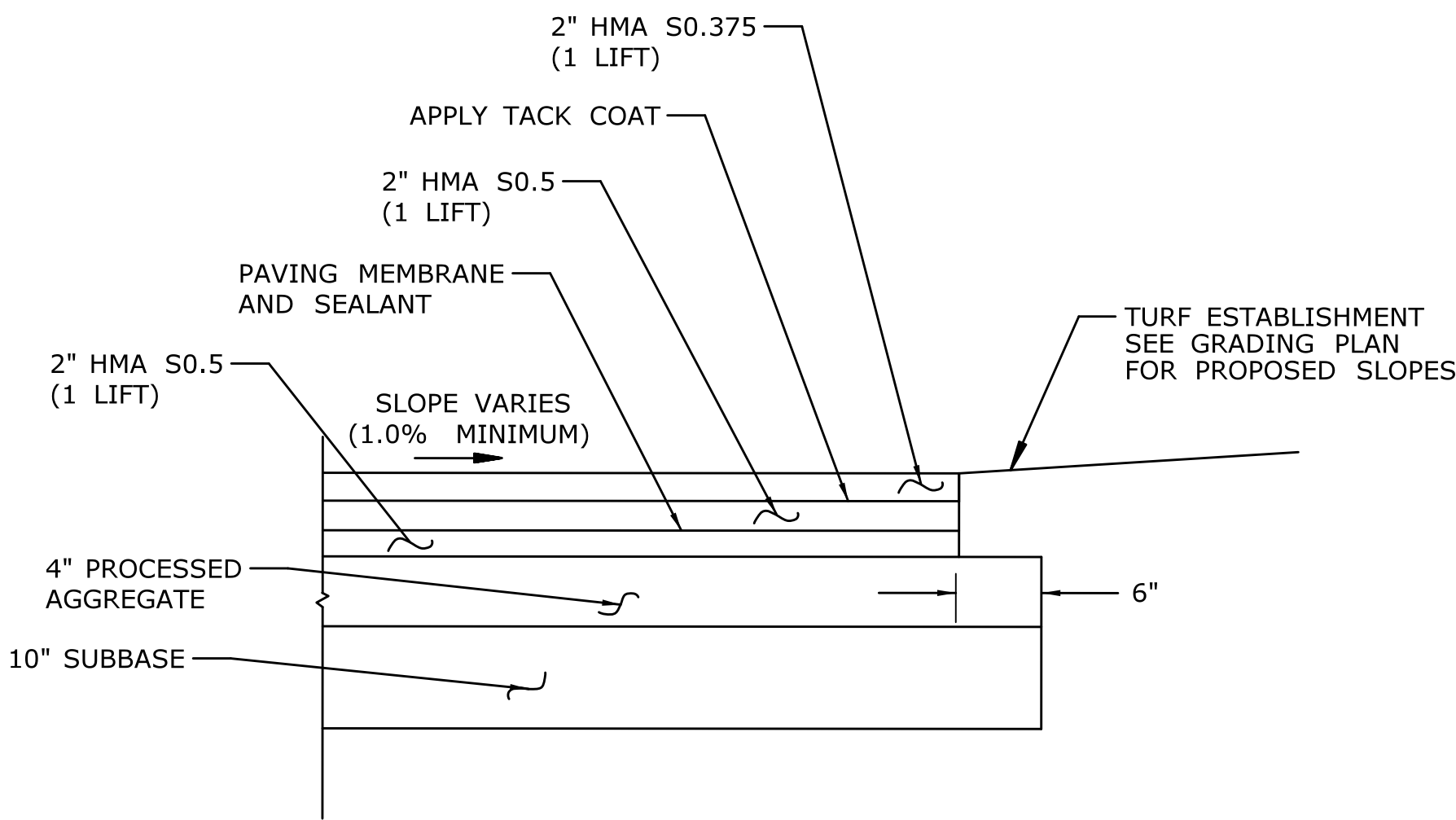


- NOTES:
1. BOLLARDS SHALL BE COVERED WITH  $\frac{1}{4}$ " YELLOW POLYETHYLENE COVER.
  2. TRIM BOLLARD COVER.

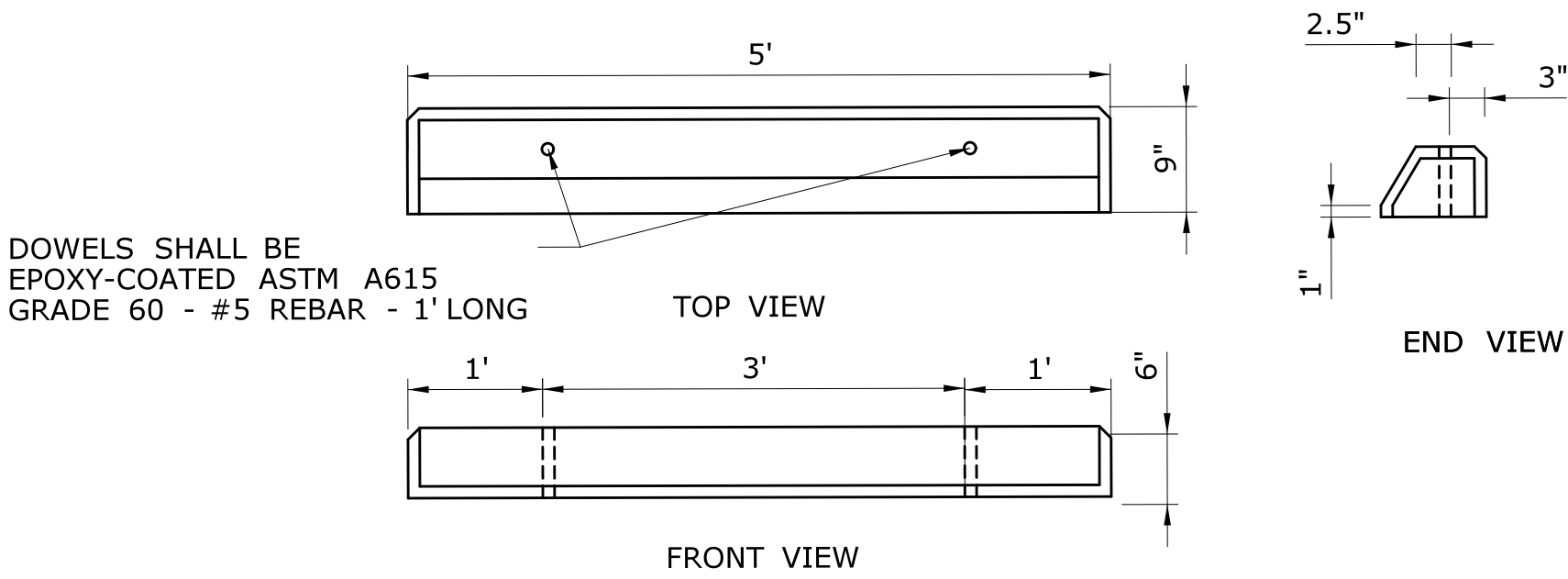
**BOLLARD**  
NOT TO SCALE



**TYPICAL WATER SERVICE TRENCH SECTION**  
NOT TO SCALE

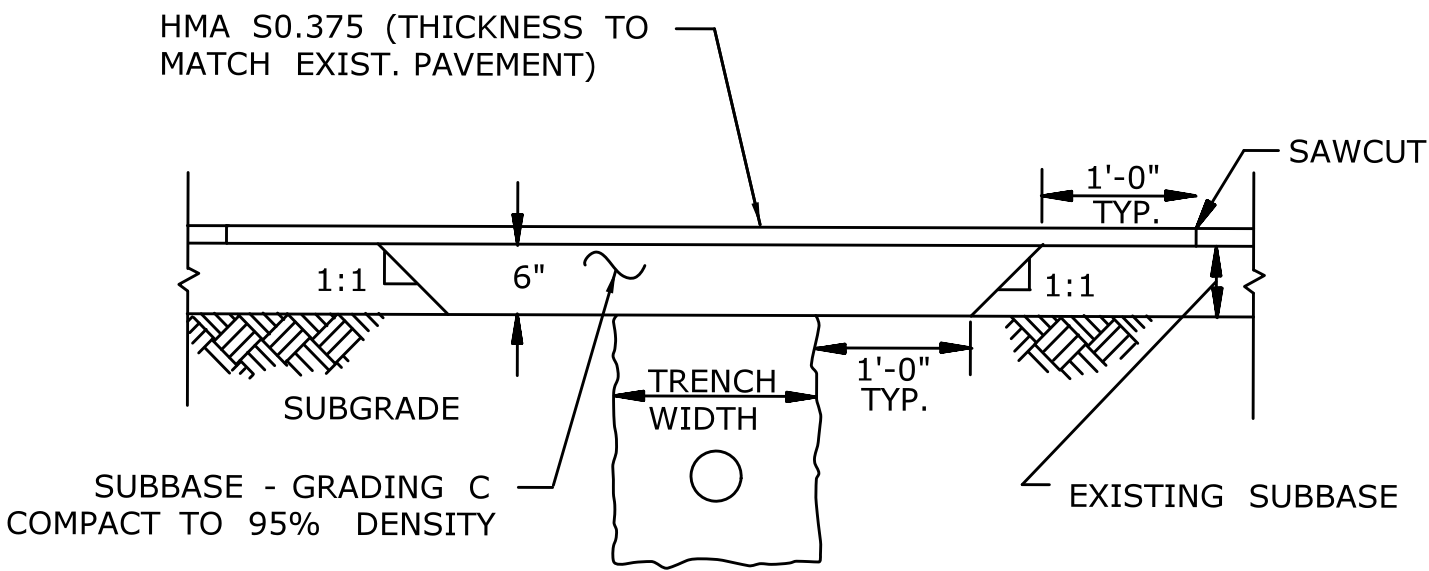


**BITUMINOUS CONCRETE PAVING - WITH MEMBRANE**  
NOT TO SCALE

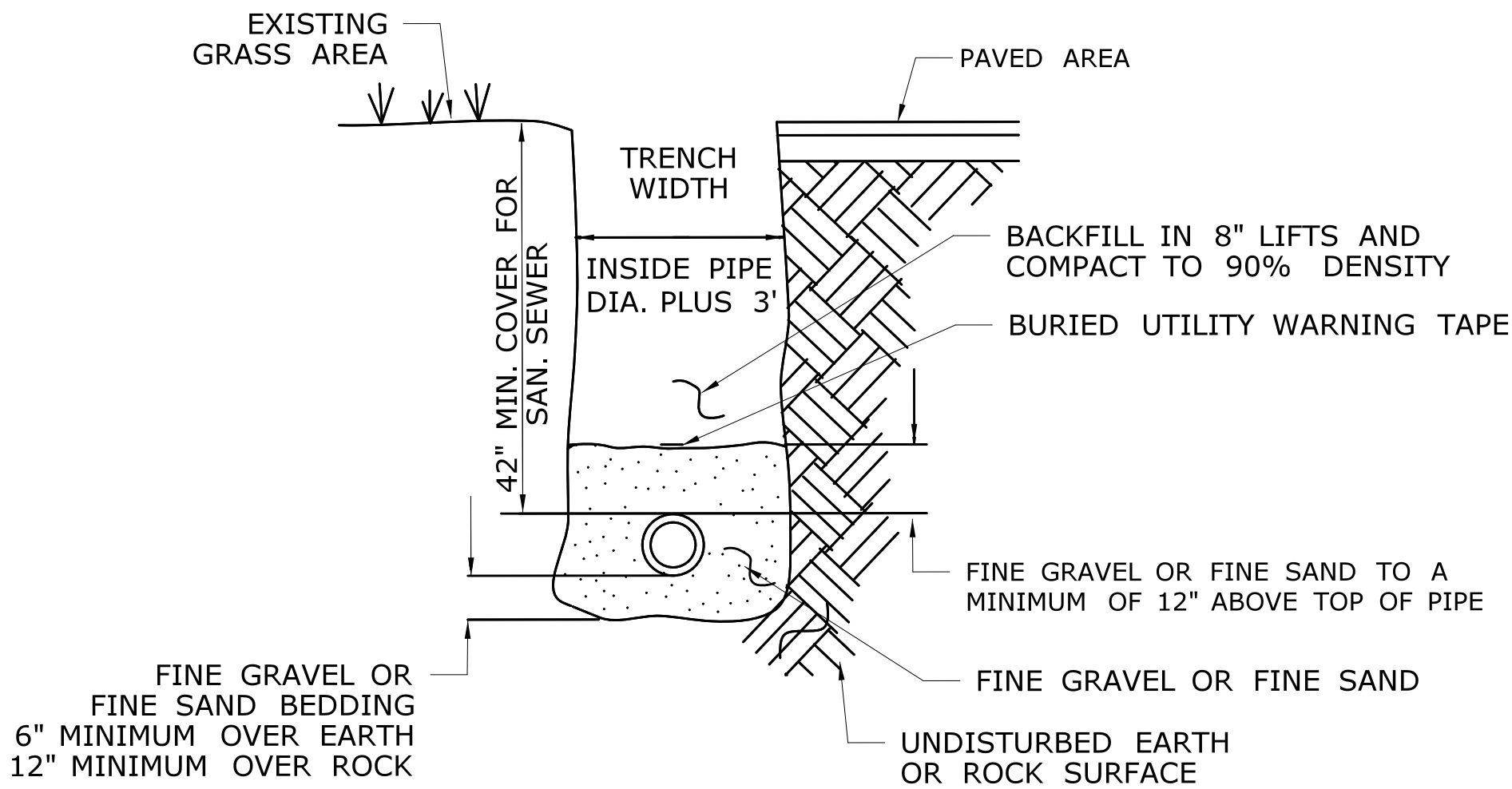


DOWELS SHALL BE  
EPOXY-COATED ASTM A615  
GRADE 60 - #5 REBAR - 1' LONG



**CONCRETE WHEEL STOP**  
NOT TO SCALE



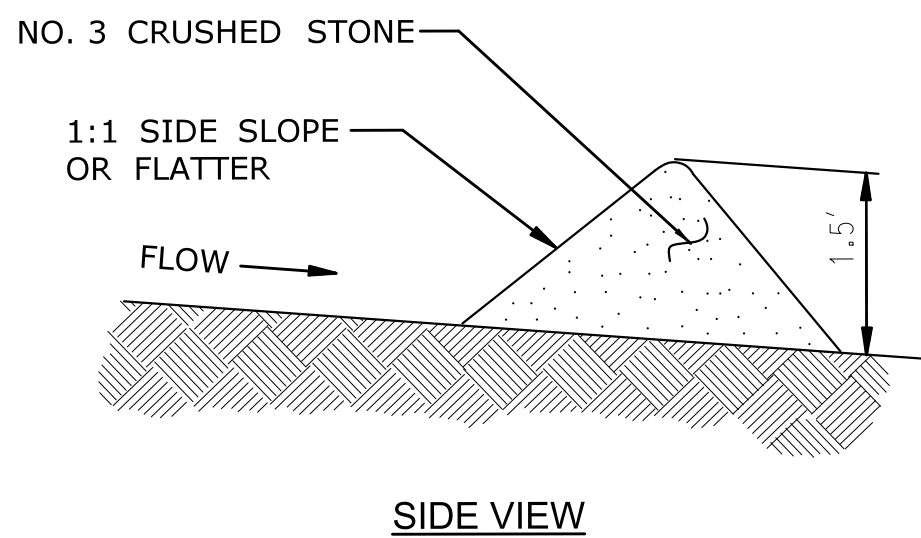
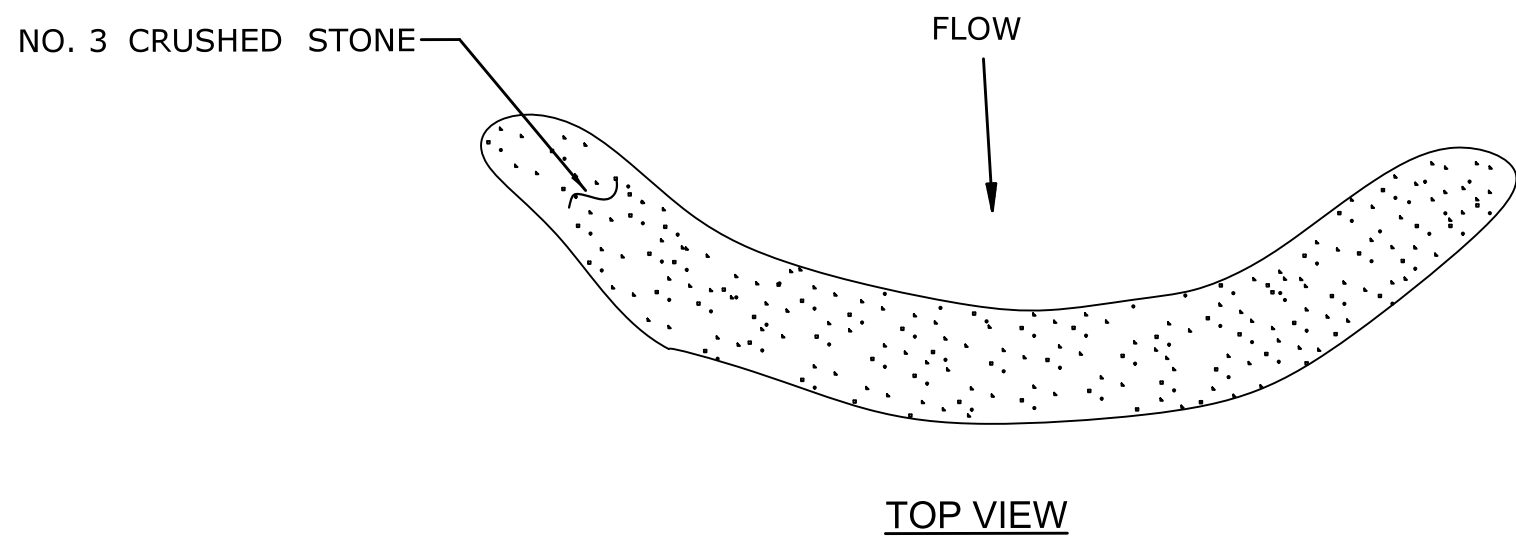
**PAVEMENT REPAIR TRENCH DETAIL**  
NOT TO SCALE



**TYPICAL SEWER TRENCH SECTION**  
NOT TO SCALE

						THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: <b>ME</b>		 <b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b>		 <b>OFFICE OF ENGINEERING</b>		PROJECT TITLE:  <b>OCCUM MAINTENANCE FACILITY</b>		TOWN:  <b>OCCUM</b>		PROJECT NO. <b>103-247</b>					
				CHECKED BY: <b>SK</b>		SCALE AS NOTED														DRAWING NO. <b>C-008</b>			
																						SHEET NO. <b>04.08</b>	
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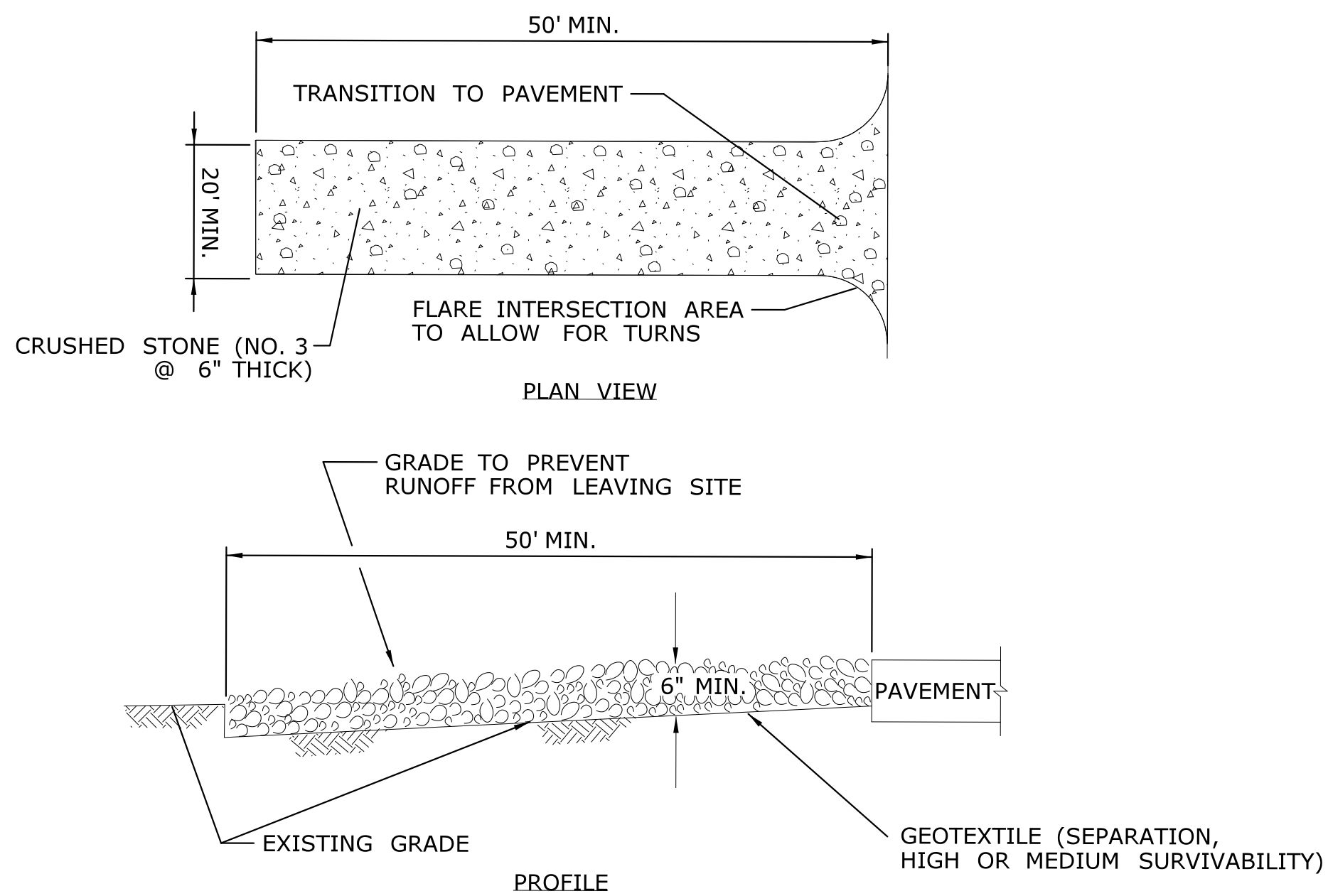




NOTES:

1. STONE CHECK DAM SHALL EXTEND THE FULL WIDTH OF THE BASIN, PLUS 18 INCHES KEYED INTO THE BANKS ON EACH SIDE.
2. THE HEIGHT OF THE CENTER OF THE CHECK DAM SHALL BE 6 INCHES LOWER THAN THE HEIGHT OF THE OUTER EDGES.

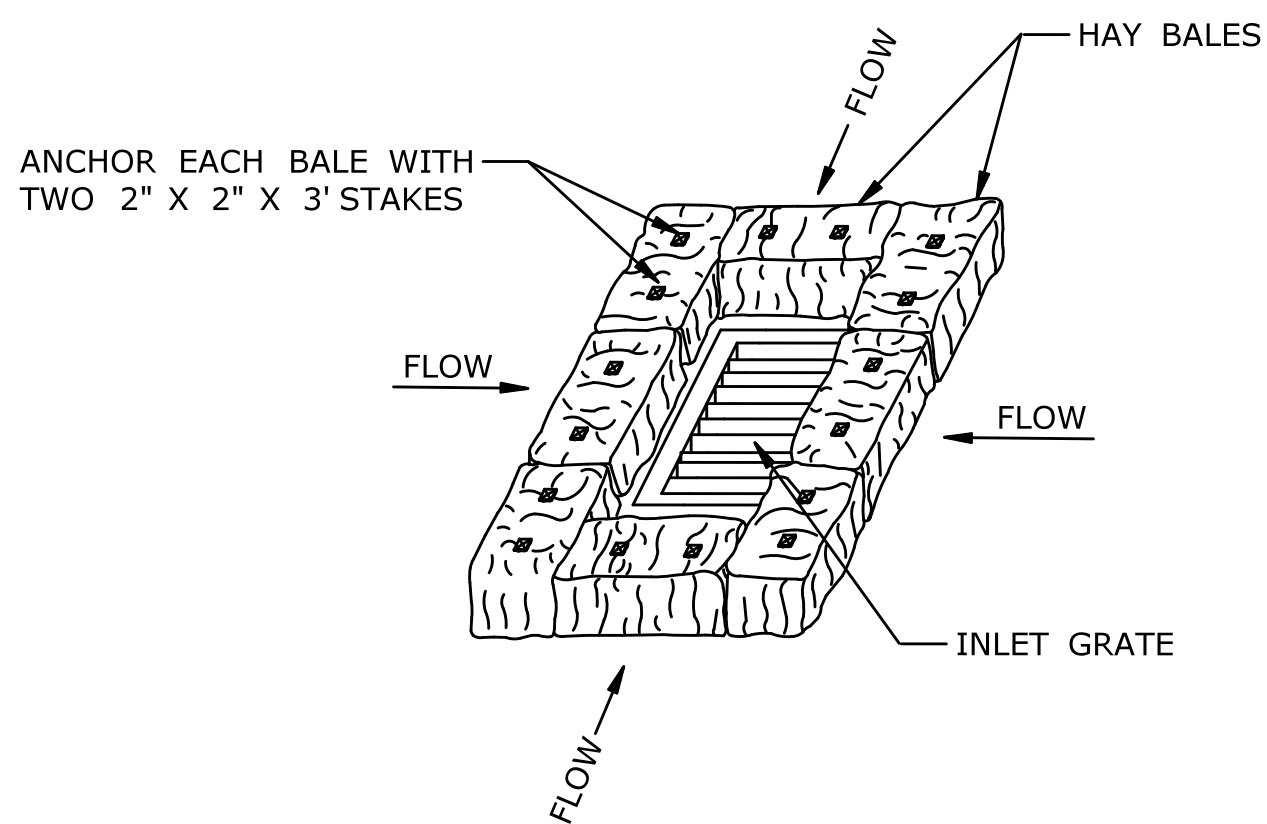
**STONE CHECK DAM**  
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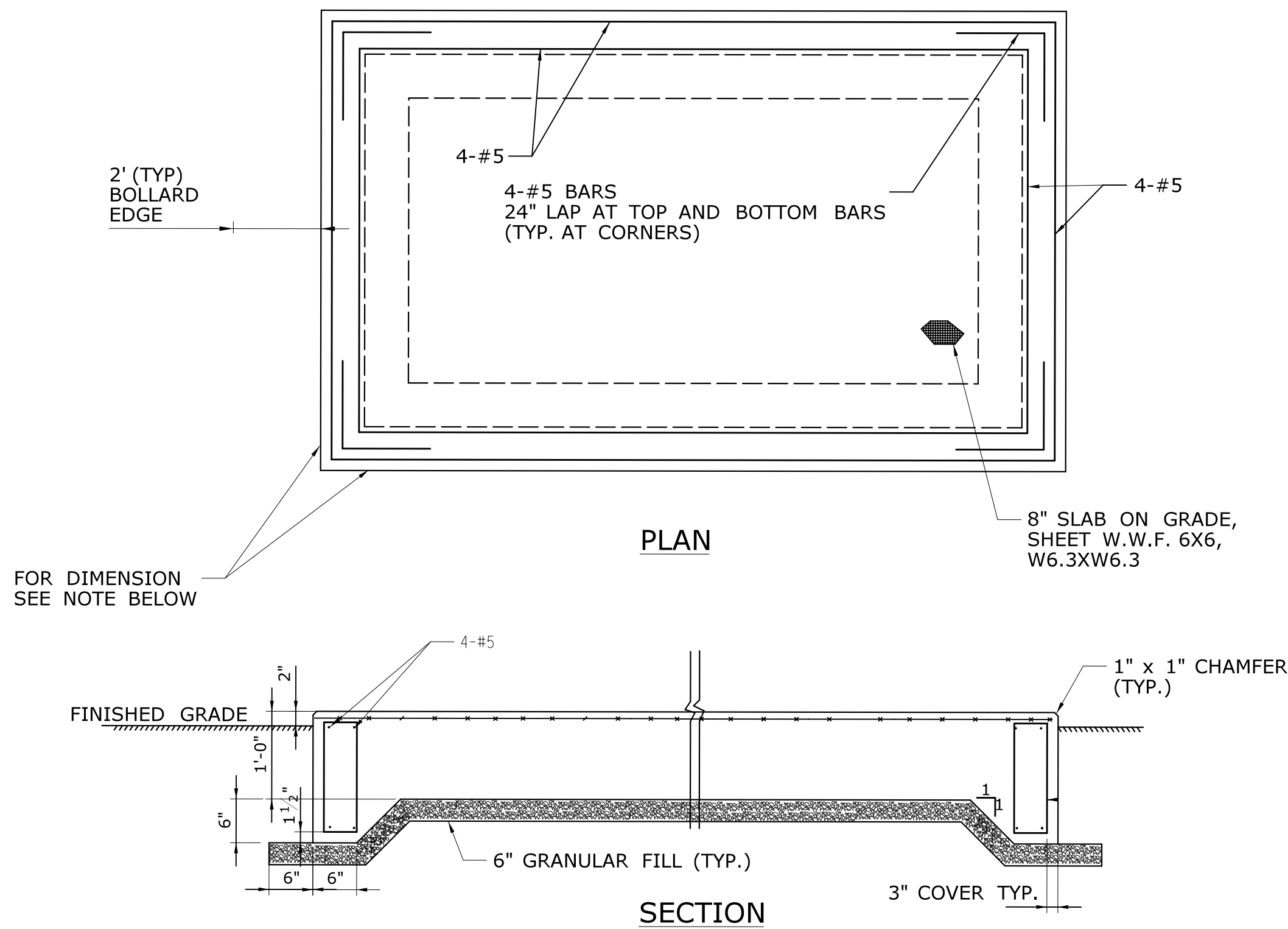
**ANTI-TRACKING PAD**

NOTE:

1. LOCATION TO BE APPROVED BY ENGINEER
2. ADJACENT PAVED ACCESS TO BE CLEANED ONCE A DAY.
3. MUD MUST BE REMOVED FROM ALL CONSTRUCTION VEHICLES BEFORE ENTERING PUBLIC ROADS.
4. PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP SEDIMENT BEFORE IT IS CARRIED OFF-SITE.

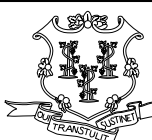
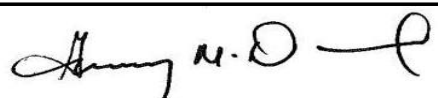


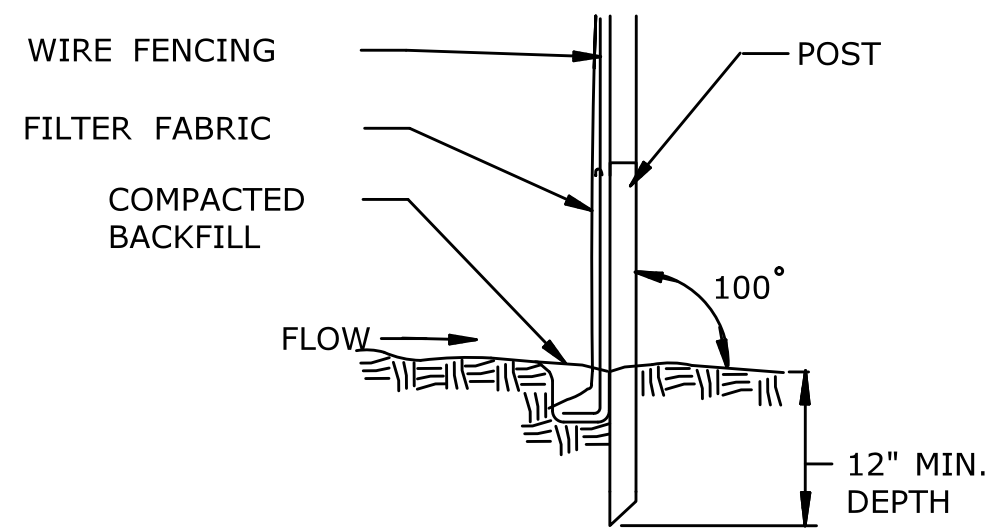
**HAY BALE INSTALLATION AT CATCH BASIN**  
NOT TO SCALE



- NOTE:
1. GENERATOR PAD TO BE 4.6' X 14.2' OR MANUFACTURER'S DIMENSIONS. REFER TO DWG C-003 AND C-007 FOR PAD LOCATION.
  2. DUMPSTER PAD TO 24' X 22'. REFER TO DWG C-003 AND C-007 FOR PAD LOCATION.
  3. CONCRETE SHALL BE CLASS F. REINFORCING SHALL BE EPOXY COATED ASTM A615 GRADE 60.

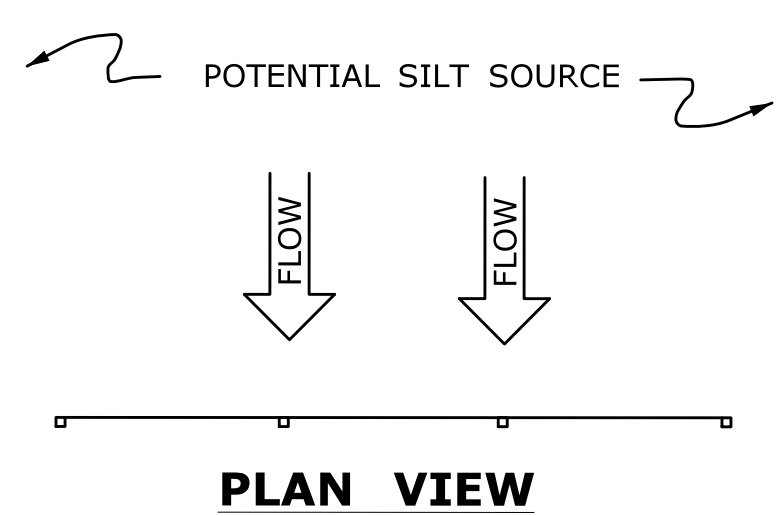
**CONCRETE PAD**  
NOT TO SCALE

				DESIGNER/DRAFTER: <b>ME</b>		 <b>STATE OF CONNECTICUT</b> <b>DEPARTMENT OF TRANSPORTATION</b>	SIGNATURE/ BLOCK: <b>OFFICE OF ENGINEERING</b> APPROVED BY: 	PROJECT TITLE: <b>OCCUM MAINTENANCE FACILITY</b>	TOWN: <b>OCCUM</b>	PROJECT NO. <b>103-247</b>				
				CHECKED BY: <b>SK</b>										
				SCALE AS NOTED										
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 8/12/2015		Filename: ...\\FD_MSH_CIV_0103_0247_C009.dgn								
				THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.										
										DRAWING NO. <b>C-009</b>				
										SHEET NO. <b>04.09</b>				

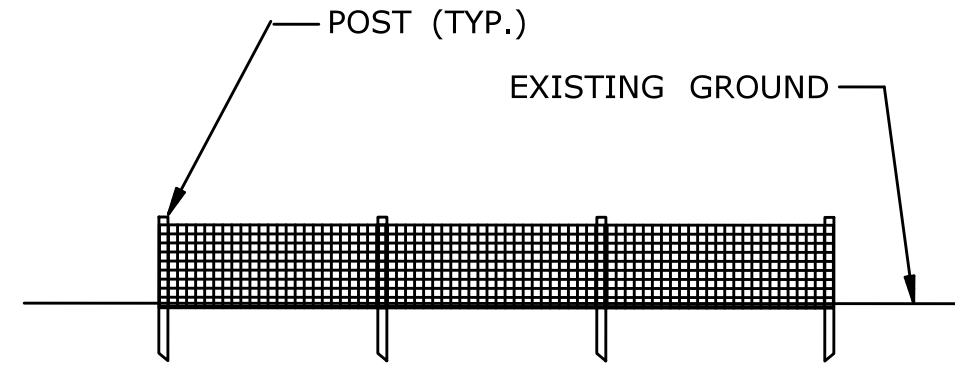


1. SET POSTS AS SHOWN AND EXCAVATE A 6" X 6" TRENCH ON UPSLOPE OF POST LINE
2. STAPLE THE WIRE MESH FENCING TO POSTS.
3. ATTACH FILTER FABRIC TO THE WIRE FENCING AND EXTEND THE FABRIC INTO THE TRENCH AS SHOWN.
4. BACKFILL THE TRENCH AND COMPACT THE EXCAVATED SOIL.

DETAIL



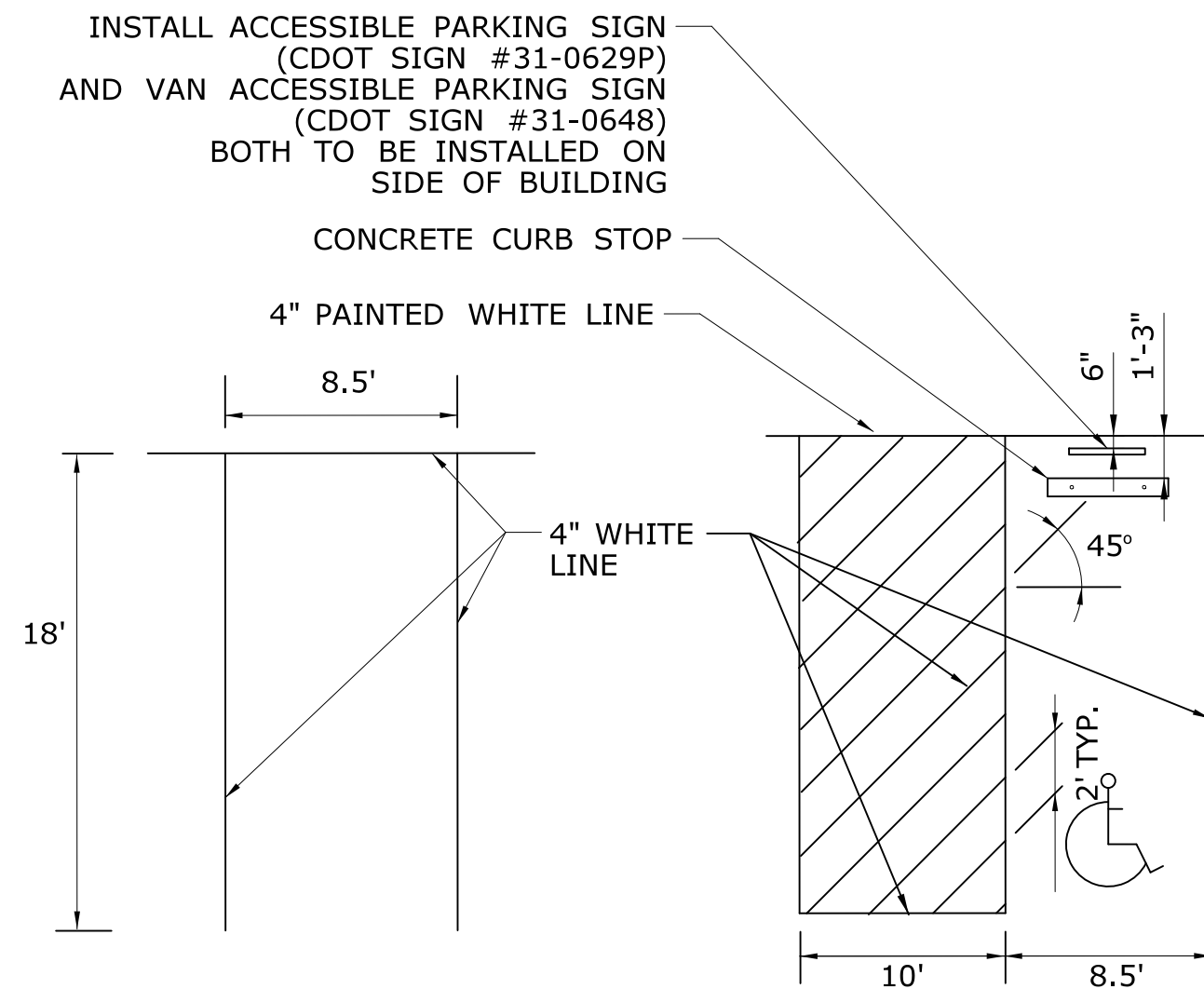
PLAN VIEW



ELEVATION VIEW

FILTER FABRIC SYSTEM FOR SEDIMENTATION CONTROL ON SLOPES

NOT TO SCALE

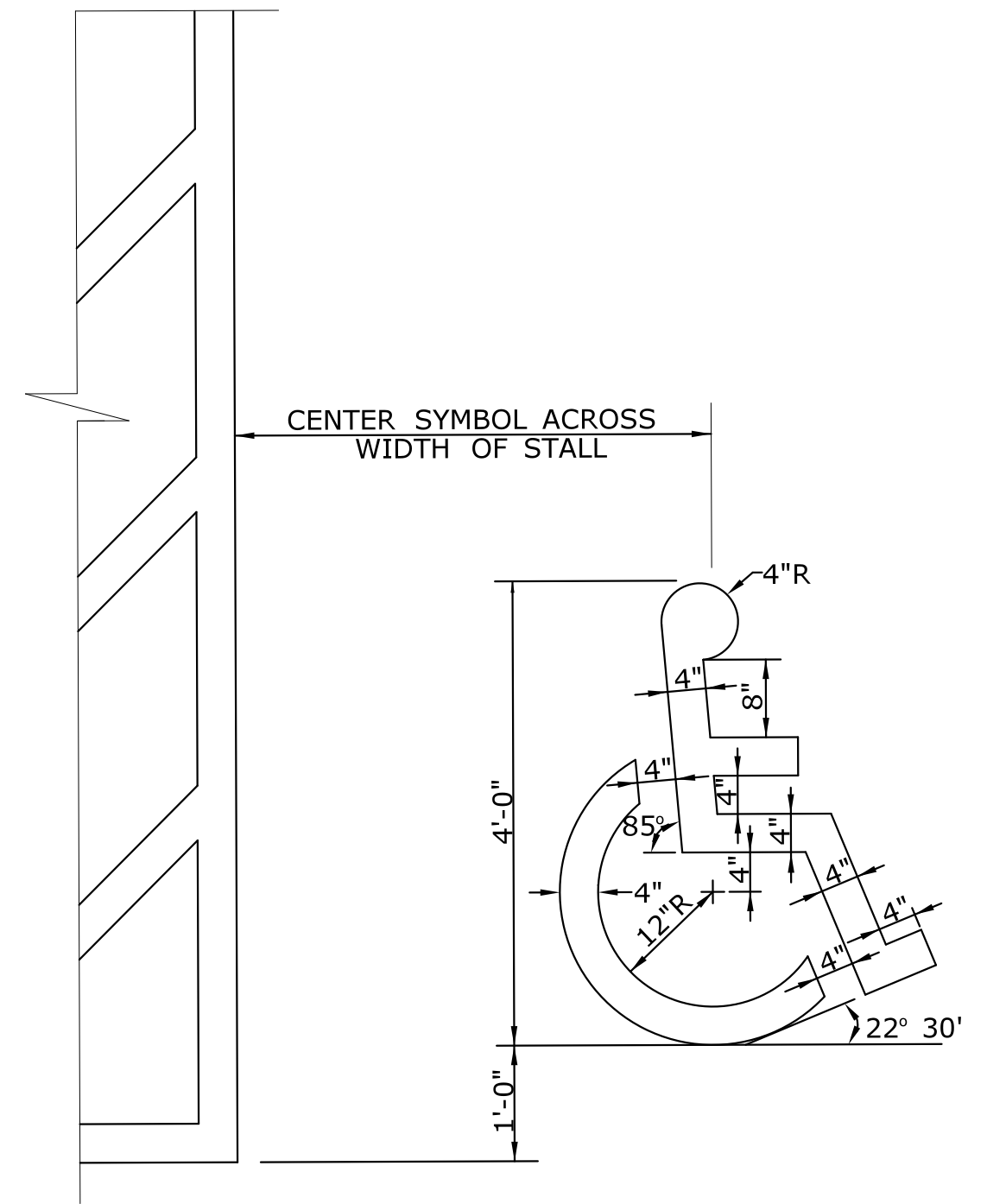


NOTES:

1. ALL PAVEMENT STRIPING SHOWN SHALL BE 4" WIDE WHITE MARKINGS UNLESS OTHERWISE INDICATED.

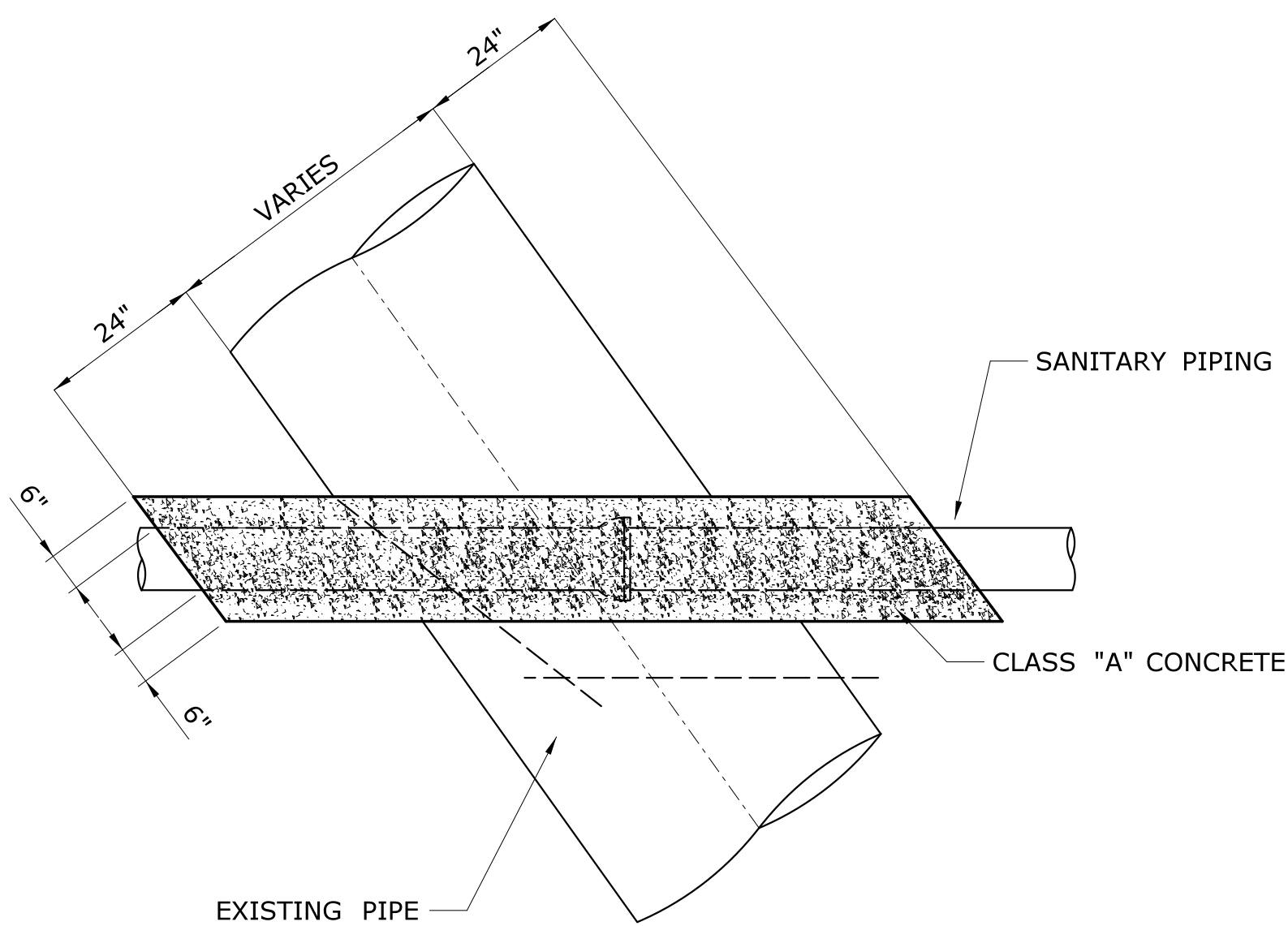
PAINTING FOR PARKING STALLS

NOT TO SCALE



ACCESSIBLE PARKING SPACE SYMBOL

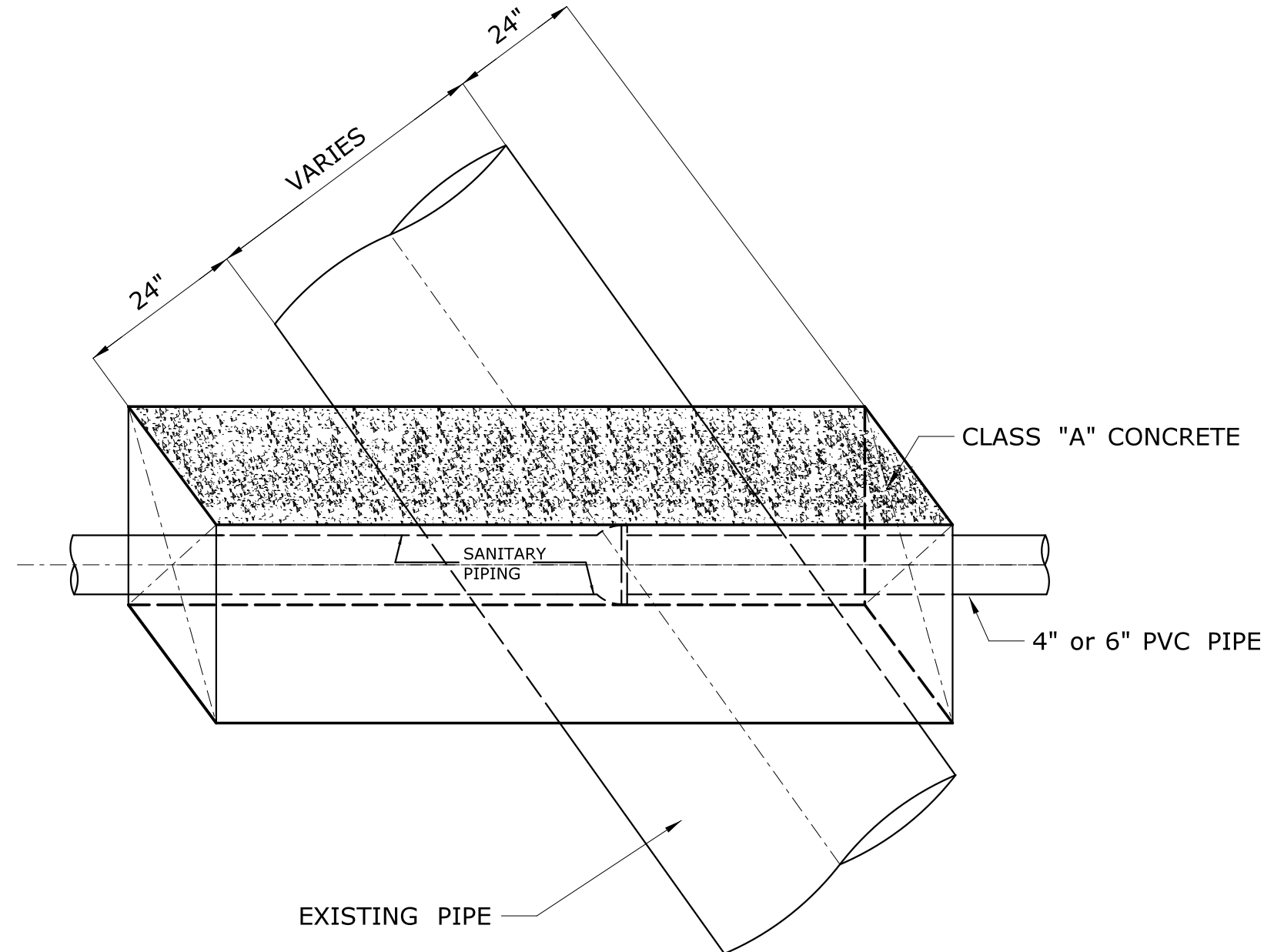
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CONCRETE ENCASEMENT OVER EXISTING STORM DRAINAGE PIPE

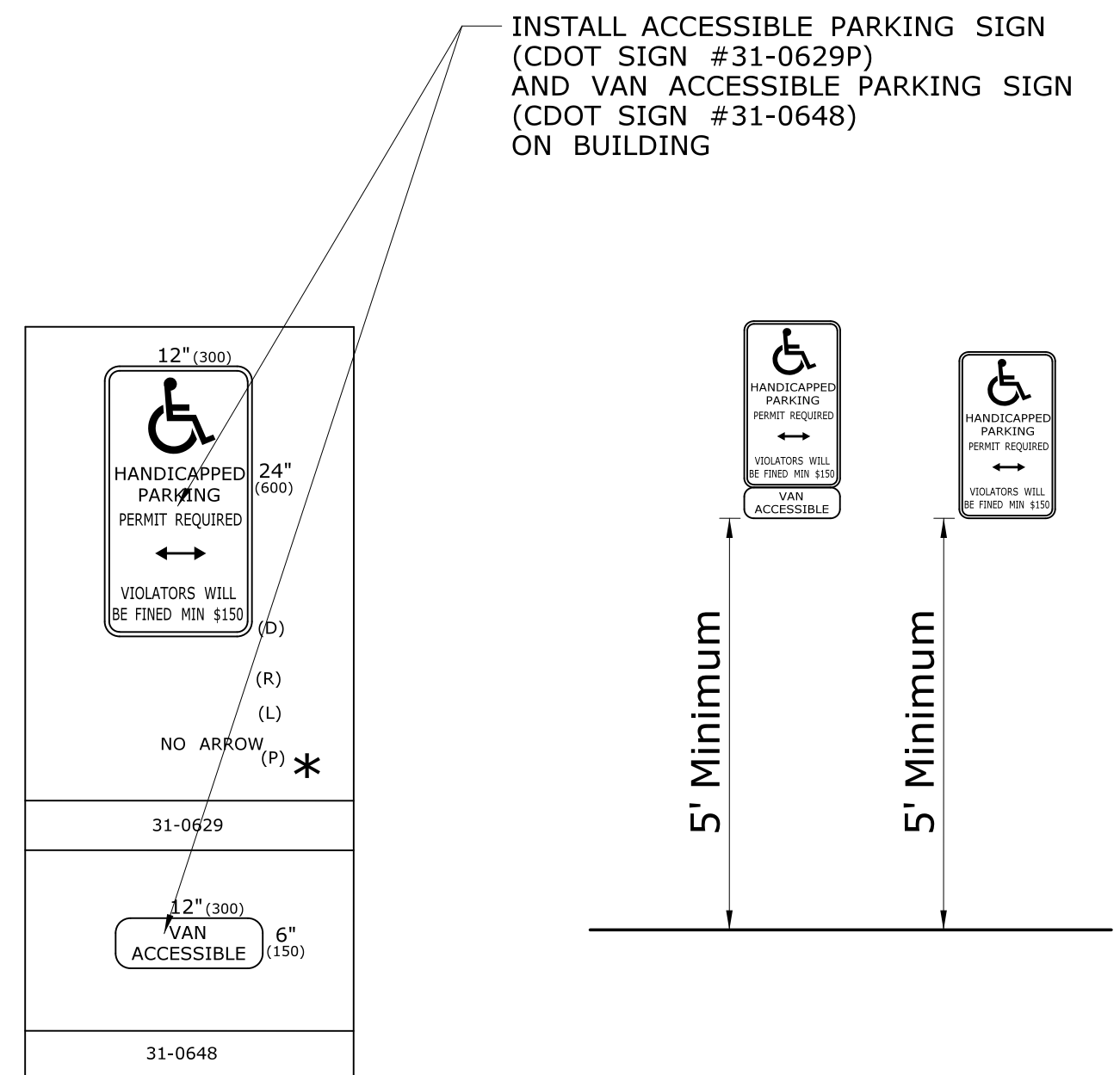
NOT TO SCALE

NOTE: TO BE UNDER THE MAJOR LUMP SUM ITEM (CLASS 'A' CONCRETE)



R7 - SERIES

LEGEND - WHITE BACKGROUND - BLUE					
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	
2.00	12X24	31-0629	1	.080	
R7-1					
LEGEND - RED BACKGROUND - WHITE					
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	
1.50	12X18	31-0630	1	.080	
R7-2					
VARIABLE TIMES					
AREA (SQ. FT.)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.	
1.50	12X18	31-0603	1	.080	






PARKING SIGNS

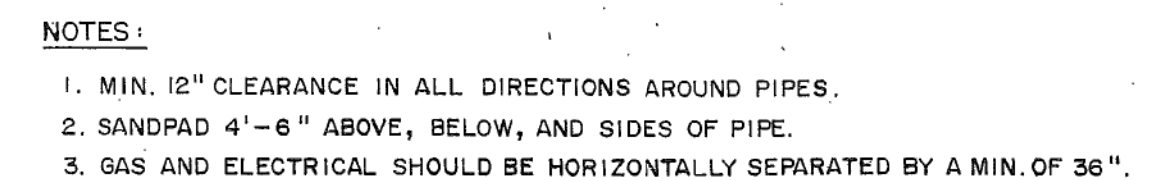
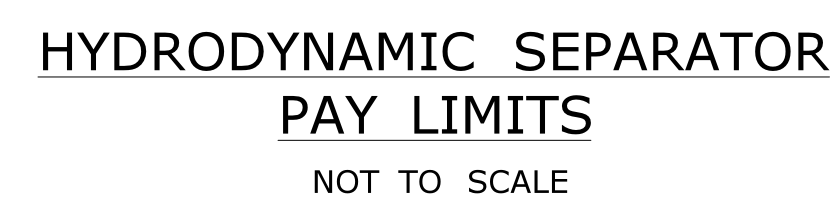
NOT TO SCALE

NOTES:

1. SIGN TO BE LOCATED ON BUILDING.
2. ALL SIGNS TO BE CENTERED ON PARKING SPACE.
3. SIGN TO BE PLACED 5' ABOVE THE GROUND.

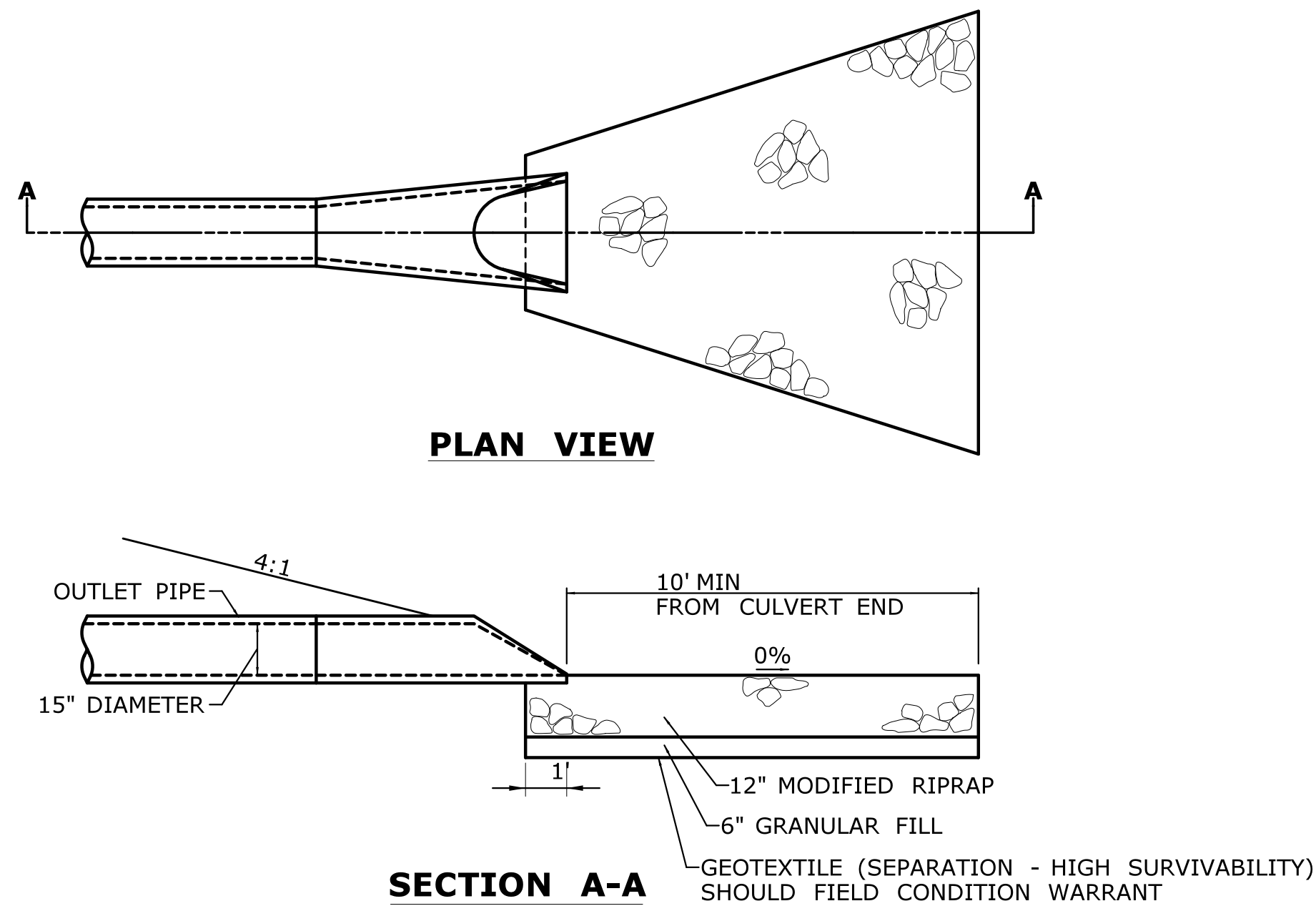
				DESIGNER/DRAFTER: <b>ME</b>		 <b>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</b>		SIGNATURE/ BLOCK: <b>OFFICE OF ENGINEERING</b>		PROJECT TITLE:  <b>OCCUM MAINTENANCE FACILITY</b>	TOWN:  <b>OCCUM</b>	PROJECT NO. <b>103-247</b>
				CHECKED BY: <b>SK</b>				APPROVED BY: 				
				SCALE AS NOTED		File name: ...\\FD_MSH_CIV.0103.0247_C010.dgn				SHEET NO. <b>04.10</b>		
				</								





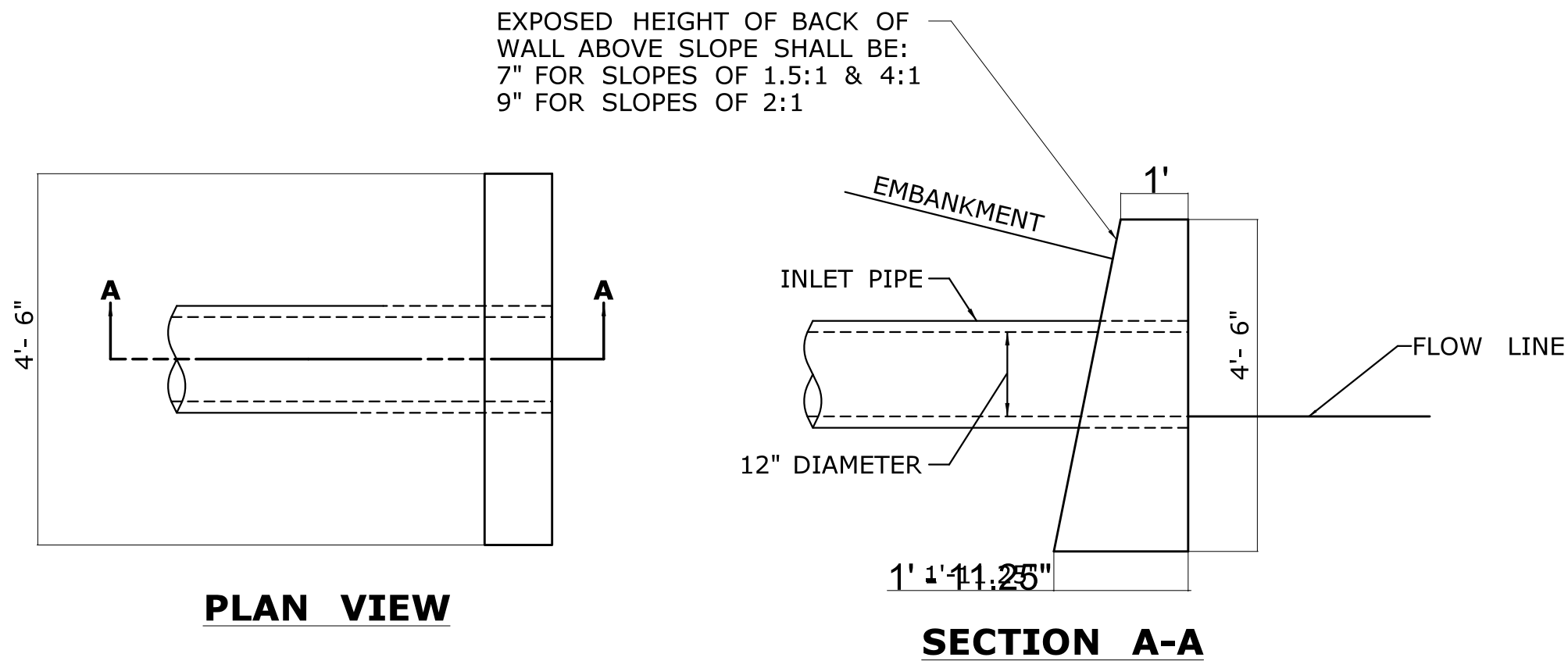
RESIDENTIAL WATER, SEWER, GAS, ELECTRIC  
COMBINED TRENCH  
NOT TO SCALE

[illegible]



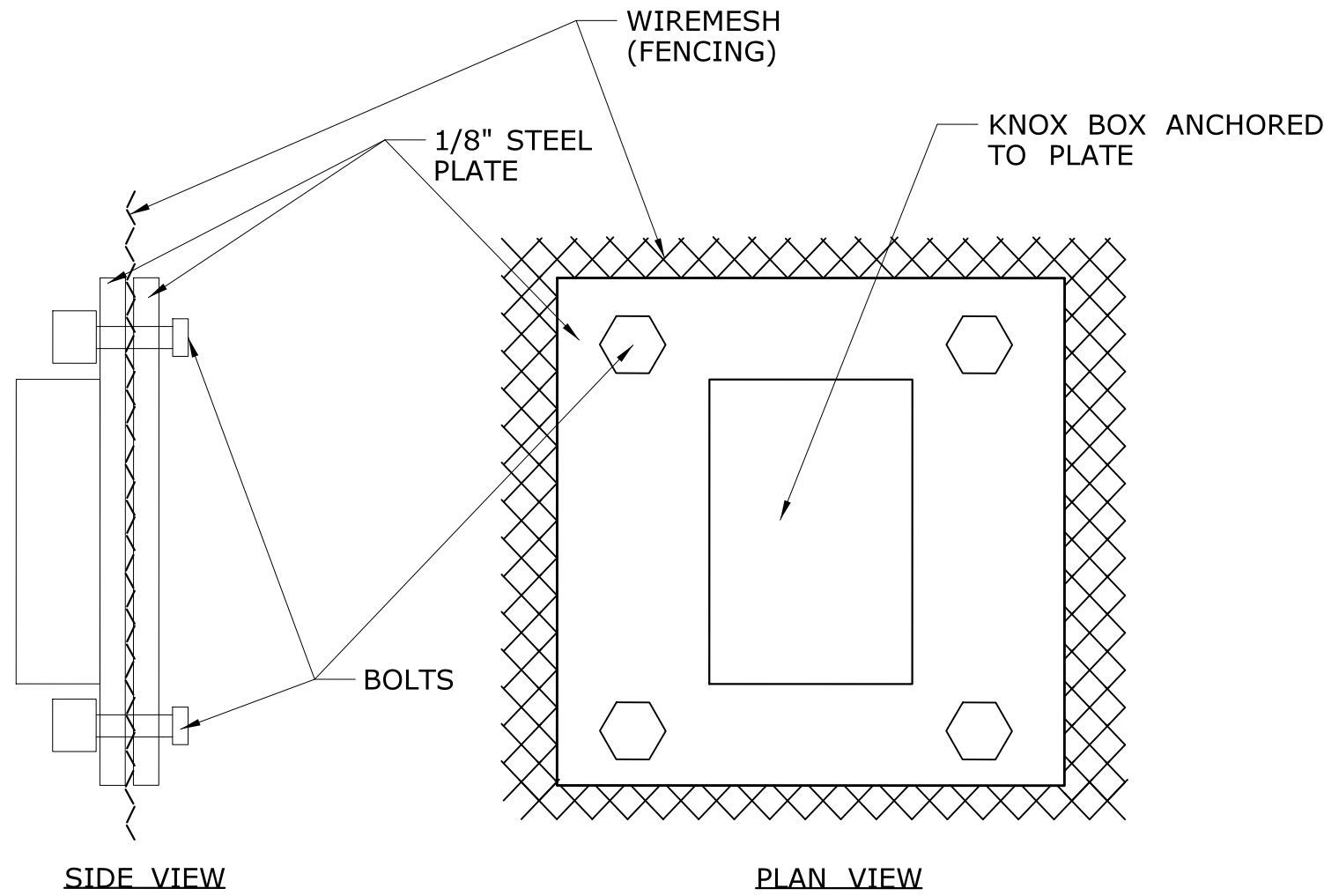
**MODIFIED RIPRAP SPLASH PAD**  
NOT TO SCALE

NOTE:  
1. TO BE PAID AS MODIFIED RIPRAP.

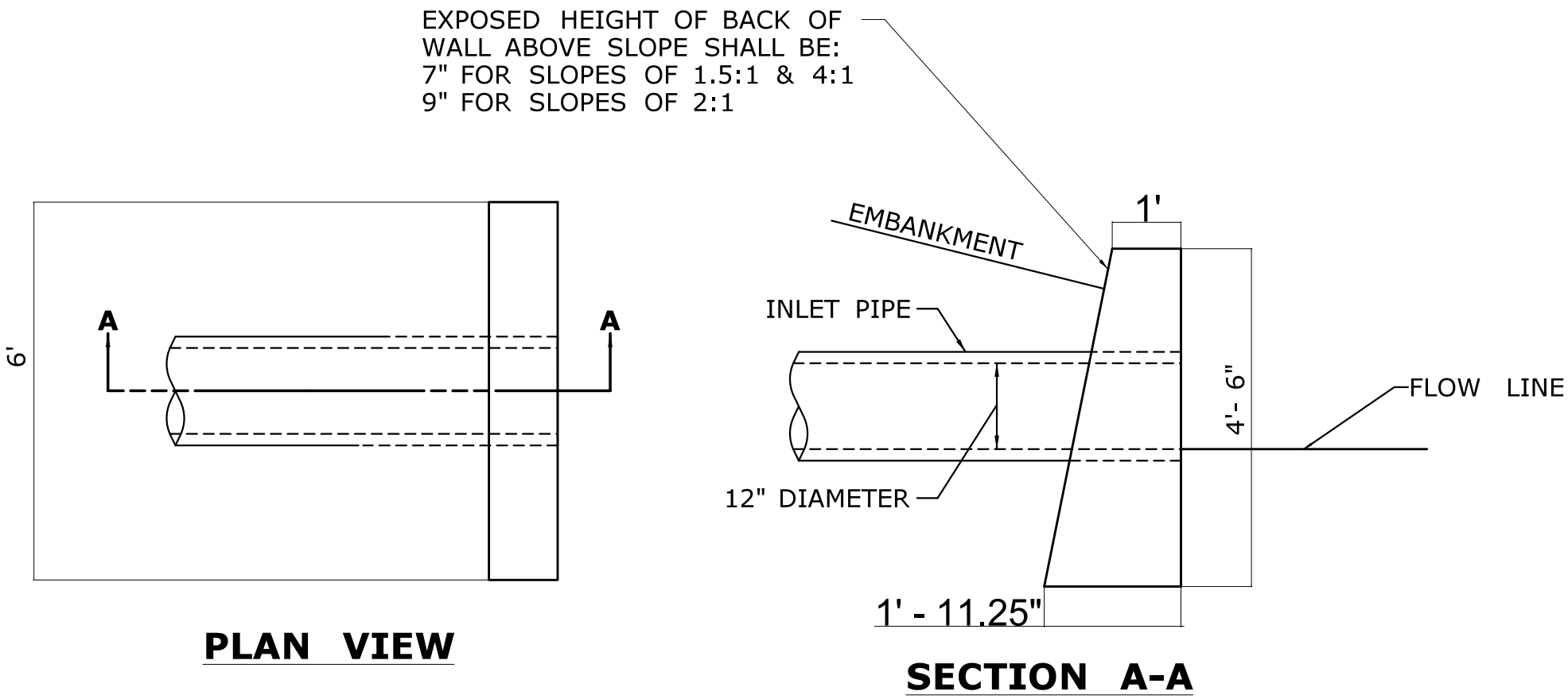


**CONCRETE ENDWALL**  
NOT TO SCALE

NOTE: TO BE UNDER THE MAJOR LUMP SUM ITEM (CLASS 'A' CONCRETE)



**KNOX BOX INSTALLATION**  
NOT TO SCALE

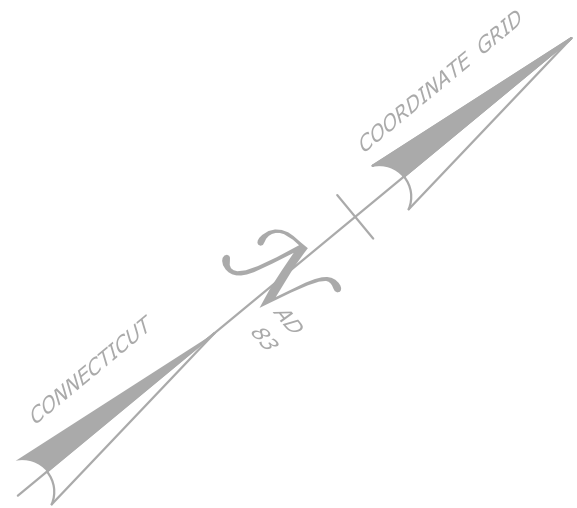


**SPECIAL ENDWALL**  
NOT TO SCALE

NOTE: TO BE UNDER THE MAJOR LUMP SUM ITEM (CLASS 'A' CONCRETE)

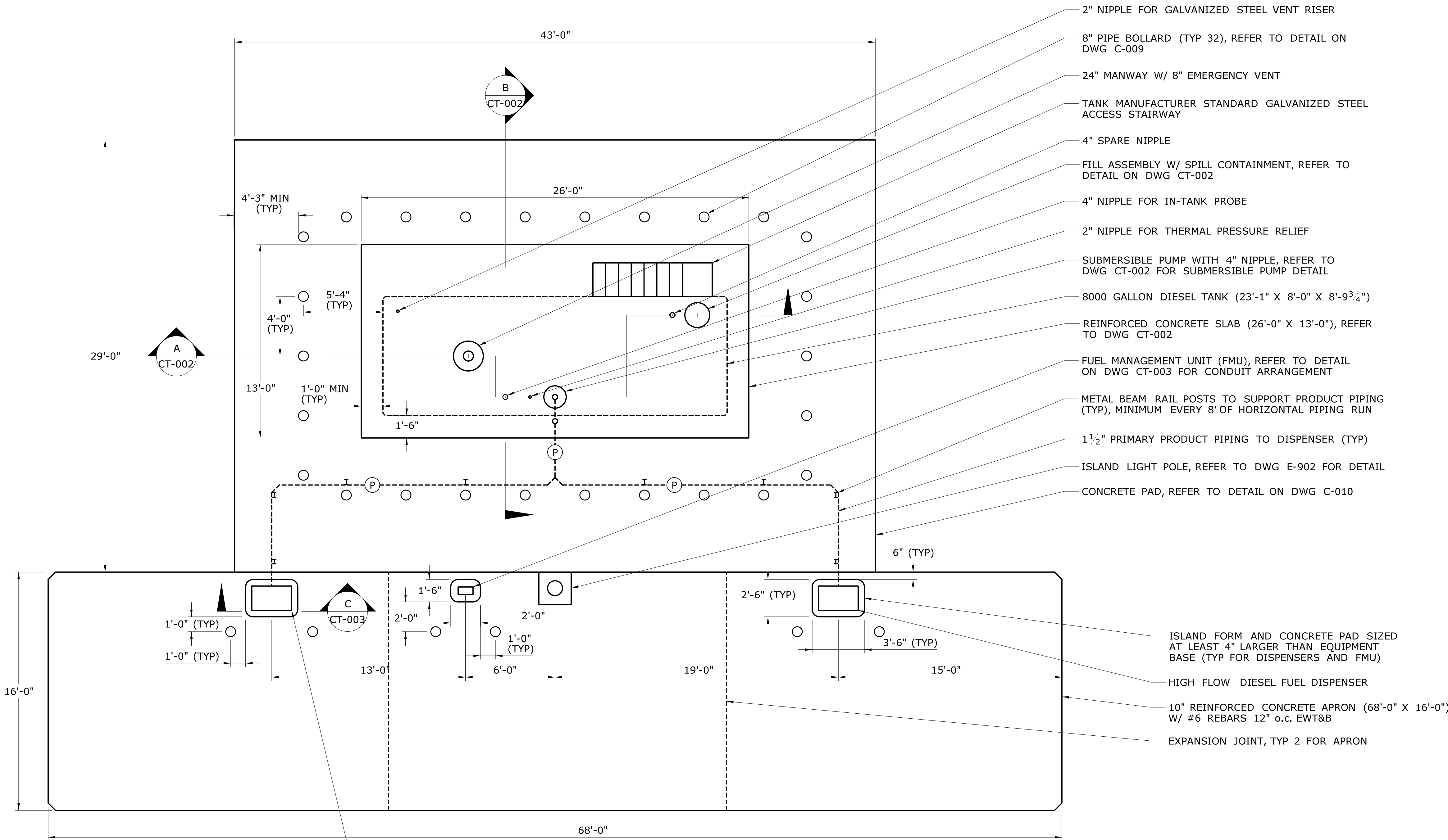
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 8/12/2015	DESIGNER/DRAFTER: MC	CHECKED BY: ME	SCALE AS NOTED	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	SIGNATURE/ BLOCK: OFFICE OF ENGINEERING	PROJECT TITLE: OCCUM MAINTENANCE FACILITY	TOWN: OCCUM	PROJECT NO. 103-247
									APPROVED BY: 		DRAWING TITLE: MISCELLANEOUS DETAILS - 5	DRAWING NO. C-012
								Filename: ...\\FD_MSH_CIV_0103_0247_C012.dgn				SHEET NO. 04.12





ABBREVIATIONS

AST	ABOVEGROUND STORAGE TANK
CL	CENTER LINE
dia	DIAMETER
DWG	DRAWING
ELEV.	ELEVATION
EW T&B	EACH WAY TOP & BOTTOM
FMU	FUEL MANAGEMENT UNIT
FT	FEET
HMA	HOT MIX ASPHALT
i.d.	INSIDE DIAMETER
LF	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
NO.	NUMBER
o.c.	ON CENTER
o.d.	OUTSIDE DIAMETER
RGSC	RIGID GALVANIZED STEEL CONDUIT
TYP	TYPICAL
UST	UNDERGROUND STORAGE TANK
W/	WITH



NOTES:

(P) PRIMARY PRODUCT PIPING


- THE DESIGNED TANK DIMENSIONS AND SUPPORT LEG LOCATIONS ARE BASED ON CONVAULT. ACTUAL SLAB DIMENSIONS SHALL BE SIZED BASED ON THE APPROVED TANK DIMENSIONS AND SUPPORT LEG LOCATIONS.
- THE TANK NIPPLE ARRANGEMENT IS BASED ON CONVAULT TANKS. ACTUAL TANK NIPPLE ARRANGEMENT SHALL BE DESIGNED AS NECESSARY BASED ON THE APPROVED TANK MANUFACTURER.
- REFER TO DWG CT-002 FOR MOTOR FUEL TANK AND DWG CT-003 FOR MOTOR FUEL ISLAND DETAILS.
- INSTALL SALVAGED STATION SIGNS TO FENCE AS DIRECTED BY ENGINEER.
- SUPPORT PRODUCT PIPING WITH GALVANIZED STRUT MAST AND PIPE CLAMP MOUNTED TO THE TANK, TANK PAD, AND METAL BEAM RAIL POSTS.
- LOCATE FIRE EXTINGUISHER IN FIRE-PROTECTION CABINET AS DIRECTED BY ENGINEER.


REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 8/12/2015

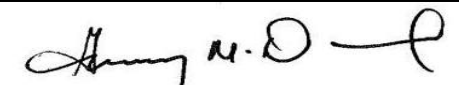
DESIGNER/DRAFTER: <b>NAR</b>
CHECKED BY: <b>JAB</b>
SCALE 1/4" = 1'-0"

**STATE OF CONNECTICUT**  
**DEPARTMENT OF TRANSPORTATION**



Filename: ...\\FD\_MSH\_CIV\_0103\_0247\_CT001.dgn

SIGNATURE/  
BLOCK:  
**OFFICE OF ENGINEERING**

APPROVED BY:  


PROJECT TITLE:  
**OCCUM  
MAINTENANCE  
FACILITY**

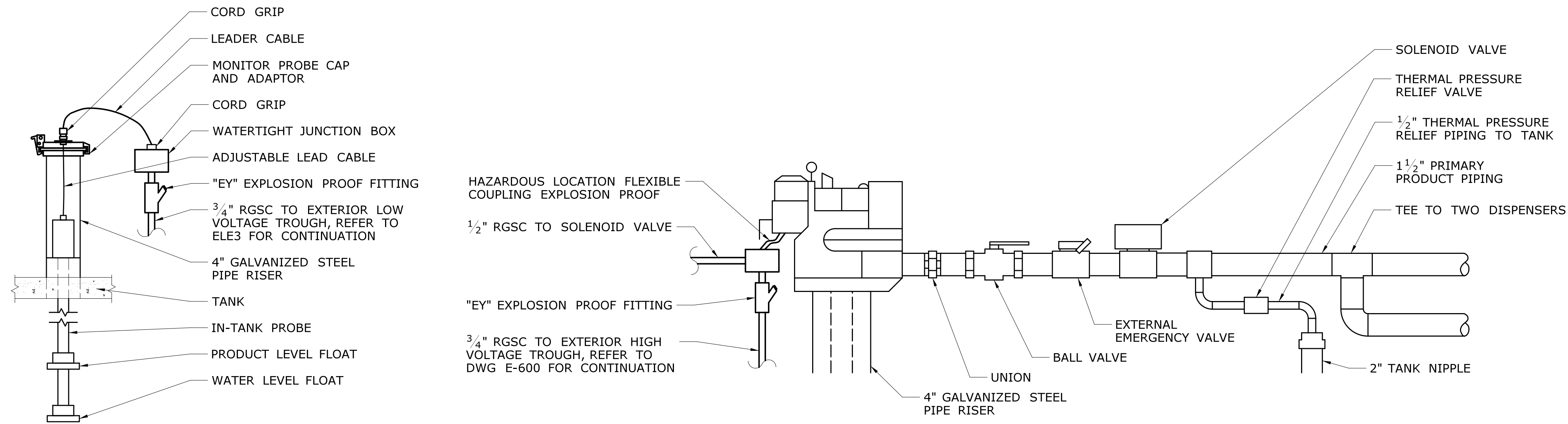
TOWN:  
**OCCUM**

DRAWING TITLE:  
**MOTOR FUEL  
ISLAND PLAN**

PROJECT NO.  
**103-247**

DRAWING NO.  
**CT-001**

SHEET NO.  
**04.13**

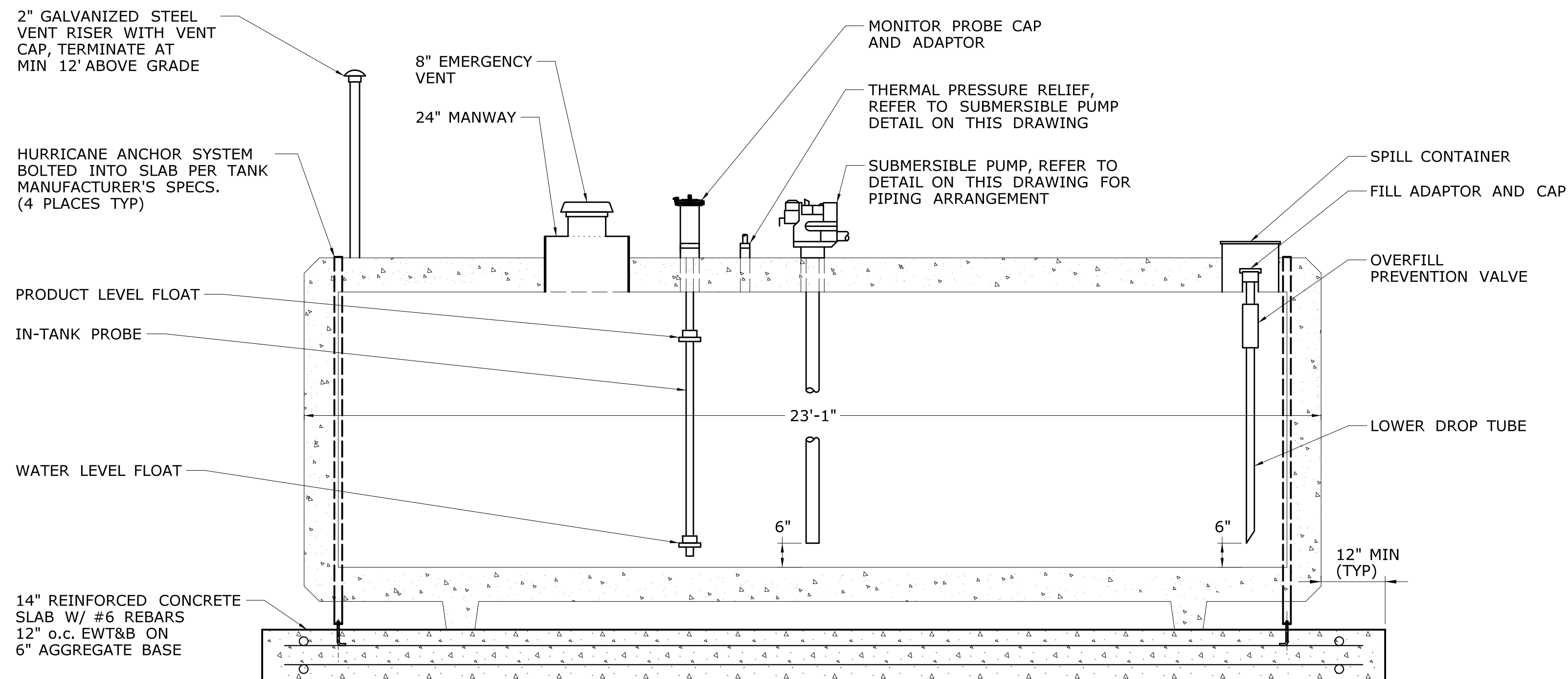


IN-TANK PROBE DETAIL

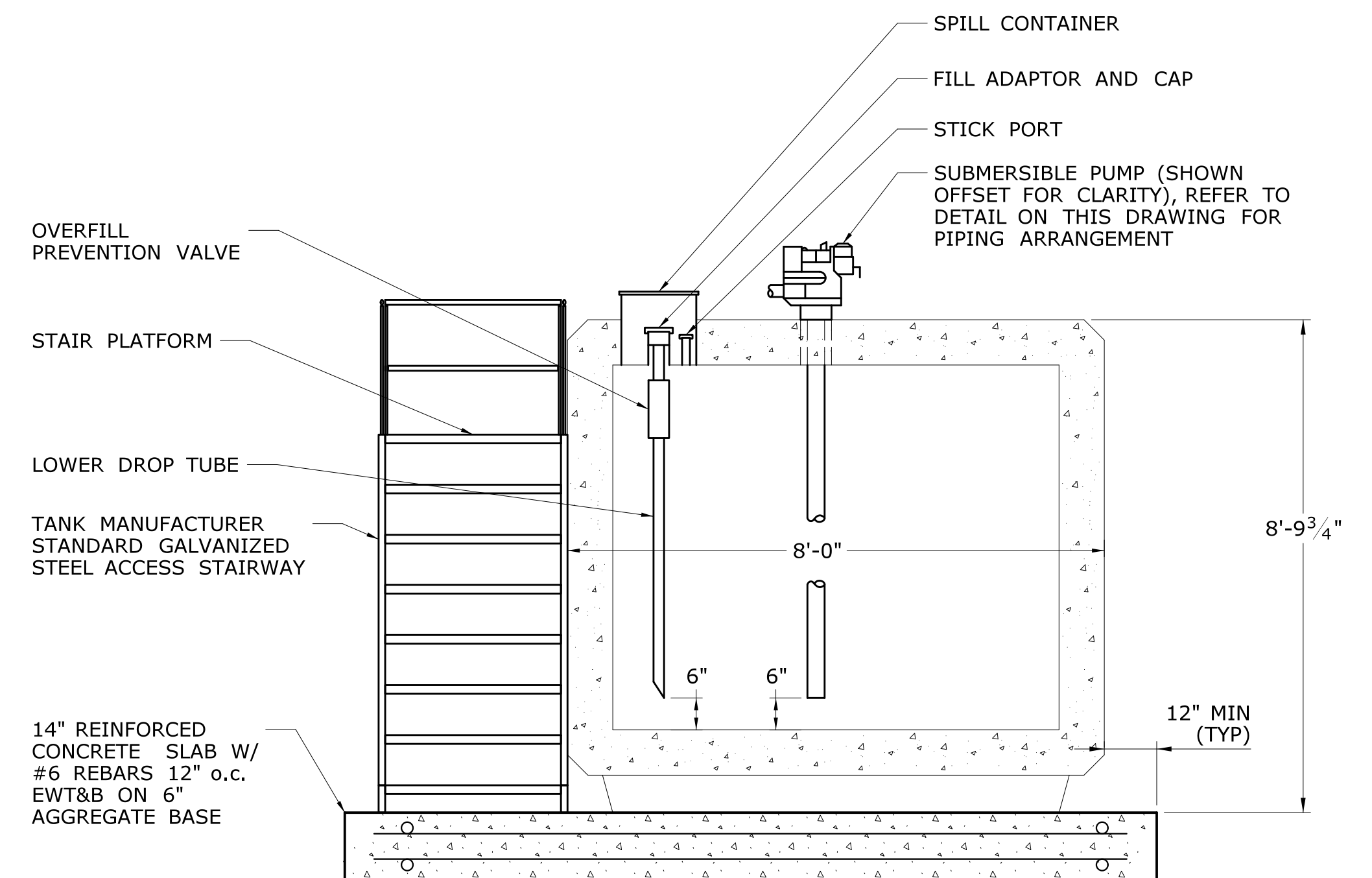
SUBMERSIBLE PUMP DETAIL

NOTES:

1. THE DESIGNED TANK DIMENSIONS AND SUPPORT LEG LOCATIONS ARE BASED ON CONVAULT. ACTUAL SLAB DIMENSIONS SHALL BE SIZED BASED ON THE APPROVED TANK DIMENSIONS AND SUPPORT LEG LOCATIONS.
2. THE TANK NIPPLE ARRANGEMENT IS BASED ON CONVAULT TANKS. ACTUAL TANK NIPPLE ARRANGEMENT SHALL BE DESIGNED AS NECESSARY BASED ON THE APPROVED TANK MANUFACTURER.
3. ALL CONDUITS SHALL BE PROVIDED WITH EXPLOSION PROOF FITTINGS AND SEALED AS REQUIRED IN ACCORDANCE WITH NFPA 70.



SECTION A  
CT-001



SECTION B  
CT-001

MOTOR FUEL ABOVEGROUND STORAGE TANK DETAIL

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1. FMU SHALL BE SECURED TO CONCRETE WITH STAINLESS STEEL HARDWARE. SEAL BASE OF FMU TO CONCRETE WITH SILICONE TO FORM A WATERTIGHT SEAL.

[illegible]